HE CHEMIST and DRUGGIST MAY 12, 1945

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

No. 3405
VOL. CXLIII MAY 12, 1945 Annual Subscription (with Diary) 25/-. Single copies 9d.

price reduction

'M & B 693' BRAND

TRADE MARK

sulphapyridine

A new schedule of prices for 'M & B 693' preparations will come into operation on Monday, May 14th. Details are as follows :-

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	100 × 0.50 Gm. Tablets	9s. 0d.
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Index to Advertisers pp. 5 & 6

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INDEX TO ADVERTISERS

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

Aspro, Ltd.	12
Barnett & Foster, Ltd.	16
Battles, Ltd.	x
Blyton, Astley & Co., Ltd.	x
Boake Roberts, A., & Co., Ltd.	Leader Page
Brady & Martin, Ltd.	iv
British Drug Houses, Ltd., The	i
British Dyewood Co., Ltd.	viii
British Felsol Co., Ltd.	Cover iv
British Schering, Ltd.	5
Burge, Warren & Ridgley, Ltd.	22
Burrough, James, Ltd.	Leader Page
Burroughs Wellcome & Co.	23
Calthorpe, M., & Co., Ltd.	8
Carillon Press, Ltd.	viii
Carnegie Chemicals (Welwyn), Ltd.	Cover iii
Carter, H. W., & Co., Ltd.	4
Cephos, Ltd.	5
Clinical Products, Ltd.	10
Cooper Laboratory, Ltd.	9
Cooper, Son & Co., Ltd.	iv
Cox, Arthur H., & Co., Ltd.	8
D.D.D. Co., Ltd.	iii
Dae Health Laboratories, Ltd.	20
Dangoor, N. S., Ltd.	iv
Daniel, Richard, & Son, Ltd.	9
Demuth, R., Ltd.	Leader Page
Dengerm, Ltd.	vii
Elmbalm Pharmaceutical Specialities Co.	x
Enzyme Products, Ltd.	16

(*continued overleaf*)

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INDEX—(contd.)

Evans, E., & Co. ... x
Evans Sons Lescher & Webb, Ltd. ... 3

Fennings, A. ... Leader Page
Ferris & Co., Ltd. ... iv
Fink, F., & Co. ... iv
Fryer & Co. (Nelson), Ltd. ... 22

Gale, Baiss & Co., Ltd. ... ii
Gardner, W., & Sons (Glos.), Ltd. ... vi
Genoxide, Ltd. ... ii
Glaxo Laboratories, Ltd. ... 1
Gnome Photo. Prods, Ltd. ... ix
Graesser, R., Ltd. ... iv
Graesser Salicylates, Ltd. ... ii

Hall, Forster & Co., Ltd. ... Leader Page
Hampshire, F. W., & Co., Ltd. ... 13
Harley, T., Ltd. ... 14
Harris, Hart & Co., Ltd. ... ii
Herts. Pharmaceutical, Ltd. ... Leader Page
Hobson, Trimble & Co., Ltd. ... iv

Imperial Chemical (Pharmaceuticals), Ltd. ... 18
Imperial Patent Wadding Co., Ltd. ... Leader Page
International Chemical Co., Ltd. ... v

James, Patrick, & Co. ... vii
Johnson & Sons, Manufacturing Chemists, Ltd. ... iii
Jones, W. H., & Co. (London), Ltd. ... Leader Page

Kerfoot, T., & Co., Ltd. ... 24
Kleemann, O. & M., Ltd. ... 17
Knox, John, Ltd. ... 22

Lennard Lee-Narvill & Co. ... viii
Liquinnre Sales ... ix
Lofthouse & Saltmer, Ltd. ... ix

Manesty Machines, Ltd. ... 19
Marns, T., Ltd. ... 14
Matthews, S., & Co., Ltd. ... 12
Monsanto Chemicals, Ltd. ... Cover ii

National Glass Works (York); Ltd. ...
Nutilis Products ...

Olley, C., & Sons, Ltd. ...
Ormerod Engineers, Ltd. ...
Oxo, Ltd. ...

Pandit, Joshi ... Col. Su
Perken, Son & Co., Ltd. ...
Pharmaceutical Specialities (May & Baker), Ltd. ... Front C
Pierson Morrell & Co., Ltd. ...
Portland Plastics, Ltd. ...
Potter & Clarke, Ltd. ...
Prideaux's Casein Co., Ltd. ...
Promedico Products, Ltd. ...

Reckitt & Sons, Ltd. ...
Rendell, W. J., Ltd. ...
Richter, Gedeon, (Great Britain), Ltd. ...

Sandoz Products ...
Schutze, F. & Co. ...
Scott, A. & R., Ltd. ...
Sessions, W., Ltd. ...
Splendor, Ltd. ...
Swan Mill Paper Co., Ltd. ...

Tatlow, S., & Co., Ltd. ...
Town Talk Polish Co. ...
Taylors, C. J. Embex, Ltd. ...
Teasdale & Co., Ltd. ...
Thackray, C. F., Ltd. ...
Tyne Truck & Trolley Co., Ltd. ...

Urillac Co., Ltd. ...

Waymark, D. ...
Wilcox, Jozeau & Co., Ltd. ...
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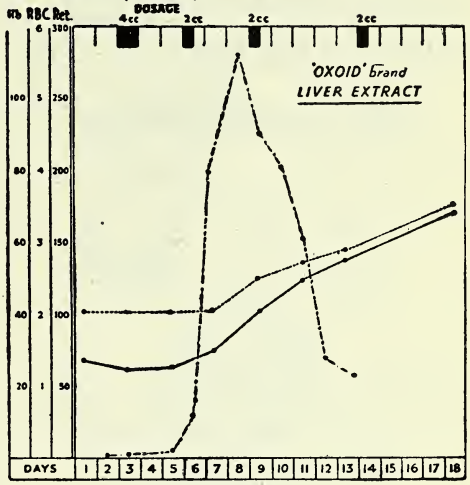

KEY TO GRAPH.

Haemoglobin per cent.
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Reticulocytes per 100 red cells.

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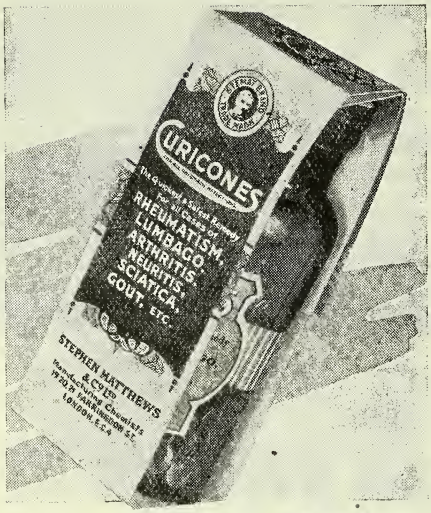

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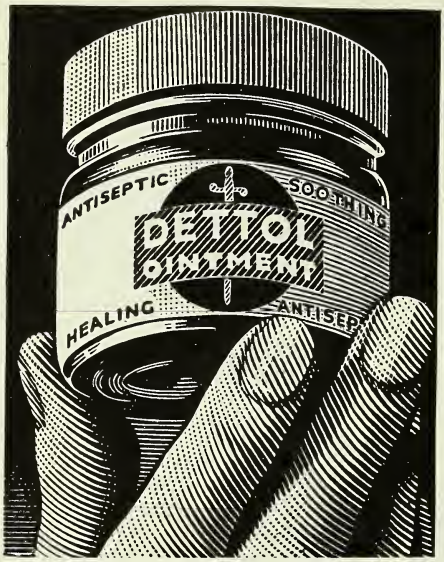

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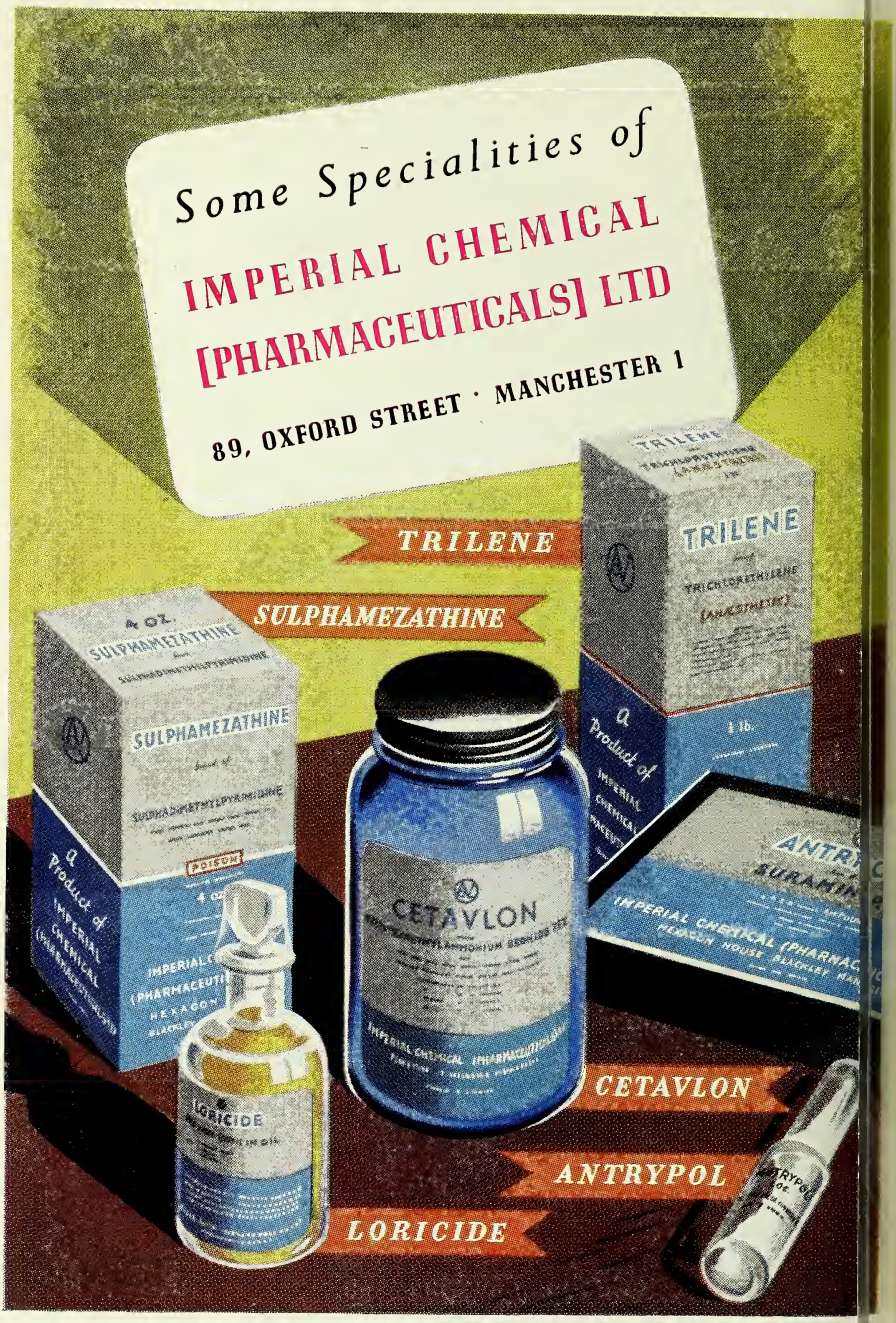
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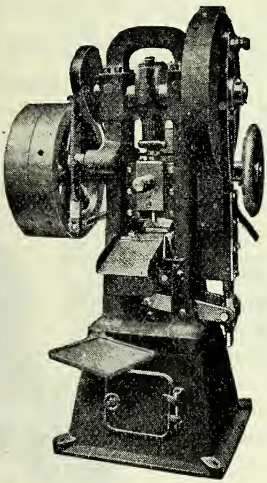

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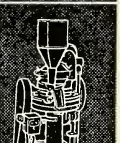

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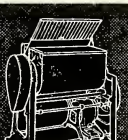

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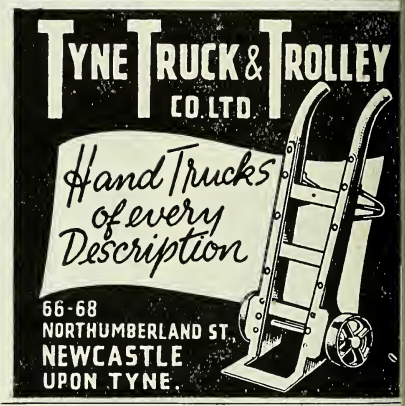

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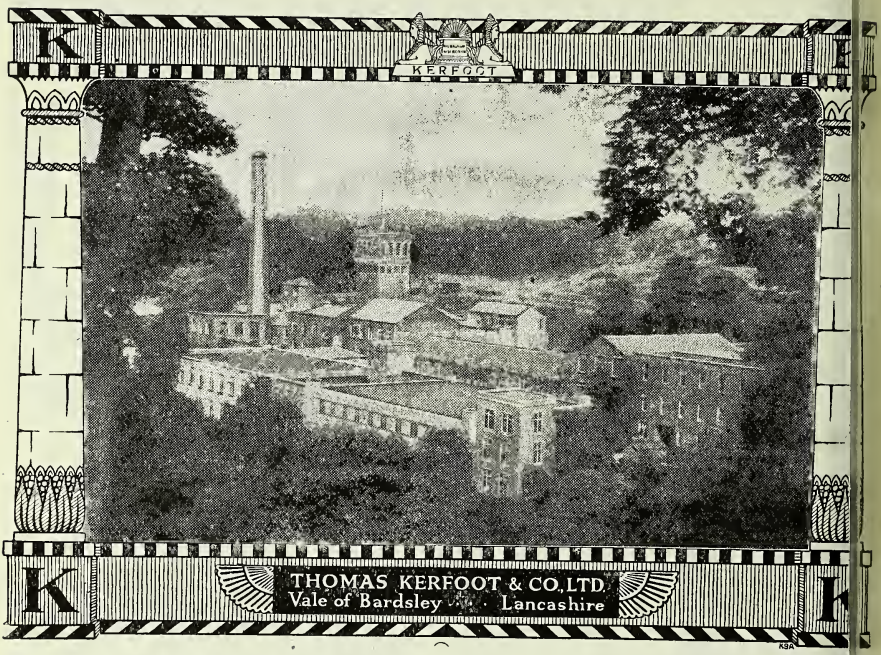

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CONTENTS

	Page
A Visit to Prosperia—I	491
Births	476
Chemists' Friends Association	481
Coming Events	494
Company News	474
Deaths	476
Empire and Foreign News	472
Editorial Articles:—	
"All Clear" in Europe	483
Common Sense Wins	485
London Branches Win Through	486
Eire Committee on Trading Conditions	490
Eire Provincial Dinners	489
Inquests	477
Legal Reports	474
Marriages	476
Mercuric Chloride in Spirits	488
National Pharmaceutical Union	480
Parliamentary News	471
Personalities	477
Pharmaceutical Society of Great Britain: Council Meeting	478
Topical Reflections	473
Trade Marks	494
Trade Notes	475
Trade Report	492
Three Useful Filter Presses	487
U.S. Chemical Industry	491
Wills	477
Women Pharmacists' Annual Meeting	479

NEWS OF THE WEEK

Victory in Europe.—The official announcement of the ending of hostilities in Europe was made by the Prime Minister at 3 p.m. May 8. Simultaneous announcements were made in Moscow and Washington.

Trade in Central America.—An additional pamphlet has been issued by the Department of Overseas Trade in the series "Hints for Business Men." It relates to the Central American Republics of Costa Rica, Guatemala, Honduras, Nicaragua, Panama and El Salvador. Copies may be obtained on application to the Department at 35 Old Queen Street, London, S.W.1.

Postal Service to Greece.—The limit of weight for letters and letter packets for Greece, including Crete, has been raised to 1 lb. (postage threepence for first ounce and 1d. for each additional ounce). Business and financial correspondence is restricted to ascertaining facts and exchanging information. Newspapers, periodicals and other printed matter, and commercial papers, may also now be sent at the rate of ½d. per 2 oz. (minimum for commercial papers, 2½d.) up to a maximum weight of 4 lb. Posters must comply with censorship-permit, export-licensing and currency-control regulations. Registration facilities are available, but there are at present no insured, air mail, money order or parcel post services.

Successful Treatment for Leprosy.—At a meeting of the British Empire Leprosy Relief Association in London on April 26, Dr. E. Muir, who was describing his work as medical superintendent of a leper asylum, said that in August 1944, through the kindness of an American firm, a supply had been received of a new synthetic substance that had been reported effective in treating tuberculosis. The resemblance of leprosy to tuberculosis suggested that any drug useful in the one condition was worth trying in the other. A dozen fairly advanced leprosy patients with bad sores, ulcerating noses and inflamed eyes were treated, and the results were so spectacular in clearing up these complications that scores of patients came forward asking for

similar treatment. By the time he left the station in January 1945 over 150 patients had received the treatment, almost the total number with the severe type who were likely to benefit from it. The effect on the whole institution was marvellous; where before patients had been sullen and unresponsive now they were cheerful and co-operative. The whole atmosphere had been changed. It is understood that the drug referred to by Dr. Muir was diasone (disodium formaldehyde sulphoxylate, 4–4-diamino diphenyl sulphone).

Leicester N.P.U. Officers.—At the annual meeting of the Leicester and Leicestershire Branch of the National Pharmaceutical Union held on April 18, the following officers were elected: *Chairman*, Mr. A. F. Mattock; *Secretary*, Mr. W. H. Dennis, 8 Halford Street, Leicester.

Pharmacist's Lecture to Insurance Committee.—After the usual quarterly meeting of the Somerset Insurance Committee on April 28, the chairman (Mr. W. Deacon, M.P.S.) gave a lecture on "*X*-rays and Mass Radiology," illustrated by slides, many of which had been taken by himself. The audience was afterwards entertained to tea by Mr. and Mrs. Deacon.

Play Presented at Hull.—Hull Chemists' Association and local branch of the Pharmaceutical Society on April 20 witnessed the play "Jacob Bell and Some Others," presented by the president (Miss G. Palmer). Mr. L. S. Selle proposed a vote of thanks to the cast, and this was seconded by Mr. E. A. Brocklehurst. Coffee and refreshments followed, and a collection made in aid of the Benevolent Fund.

Carboys Reappear.—Put into safe storage at the beginning of the present war, a series of display carboys at the pharmacy of Mr. A. H. Hale, Bath, has been put back into service in the shop windows. Mr. Hale states that the solutions, which are clear and brilliant today in shades of green, red, blue, yellow and magenta, were probably prepared, according to information given by a previous owner of the business, over 100 years ago.

Skinner Memorial Appeal.—An appeal to all pharmacists in the country, as well as to friends abroad, to subscribe to a Herbert Skinner Memorial fund, has been sent out by the officers of the North London Pharmaceutical Association. The appeal includes a brief sketch of the career of the late Mr. Herbert Skinner, Ph.C., who was a founder-member of the Association, and announces that the memorial will provid so far as possible, the furnishings in t British Pharmaceutical Codex committ room at the Pharmaceutical Society's ne building in Brunswick Square, Londo W.C.1. Subscriptions and donations shou be sent to Mr. J. C. Young, Ph.C., Bethune Road, London, N.16.

Cardiff Branch Officers.—At the rece annual meeting of the Cardiff Branch the Pharmaceutical Society and local Pha macists' Association the following office were elected: *President*, Mr. A. L. Davie Splott; *Vice-president*, Mr. S. W. Hagu Rumney; *Treasurer*, Mr. L. Livsey, Llan shen; *Secretary*, Mr. W. J. Evans, T Bridge Pharmacy, Whitchurch, Cardi *Assistant Secretary*, Miss E. Dally, 1 Stacy Road, Cardiff.

Thames Valley.—A joint meeting of t Thames Valley District Pharmacists' A sociation with doctors in the area was he at Kingston-on-Thames on April 26, wh Dr. J. Stanley White (Parke, Davis & Co exhibited a film on "Sex Hormones." T film depicted the various glands of t human body (illustrating malformatio caused by lack of secretions), the physiolo of the sex hormones, diagnosis and trea ment. Discussion took place, and sever doctors asked questions, which were ab answered by Dr. White.

Irish Examination Results.—The follo ing candidates were successful in the Ap examinations held by the Pharmaceutic Society of Ireland: LICENCE.—Jam Frances Brady, Brigid Herlihy, Catheri Margaret Mary Kirwan, Daniel Mart Lynch, Angelina Gabriel McCarthy, Ann Mary Mahon, Johanna Murphy, Tere Mary Murray, Joan O'Brien, Desmo Patrick O'Shea, John Quinn, Margar Mary Smith, Mary Gemma Wilson. Fort three candidates sat for the examinatio thirteen passed. ASSISTANT.—Margar Mary Coleman, Jeremiah Joseph Dawso Richard Kelly, Thomas Kissane, Josephi Lawn, Irene Rebecca Manley, Peter Jose Marsh, James Mellerick, Bridget Murph Peggy Murphy, Denis O'Leary, Veroni Teresa O'Shea, Catherine Power, El Christina Prendergast, Daniel Slatter Fifty-five candidates presented themselve fifteen passed.

West Ham Scientific Meetings.—At meeting of the West Ham and Easte District Association of Pharmacists a Branch of the Pharmaceutical Socie recently, Mr. C. H. Sykes, Ph.C. (he

pharmacist, London Hospital), read a paper on "Modern Antiseptics." The lecturer reviewed the antiseptics in use in modern pharmaceutical practice, and quoted notes made in the course of his own experiences and researches into the pharmaceutics of these substances. In dealing with penicillin, he illustrated his points with examples of tablets, a cream, and lozenges prepared according to formulas used in the London Hospital. On April 17, members of the Association and Branch heard a lecture from Dr. Frank Wokes, Ph.C., on "The Story of the Vitamins," in which the speaker recounted the results of several exhaustive investigations into the effects of administering vitamin products to soldiers and children.

"Quiz" Follows Annual Meeting.—The annual meeting of the Nottingham Branch of the Pharmaceutical Society, at which the annual report and balance sheet were adopted, was followed by a "quiz," ladies *versus* gentlemen. The questions were creditably answered by both sides, and the result was a tie at 27½ points each. A vote of thanks to the members taking part—the Misses M. A. Burr (leader), J. Holmes, E. J. M. Fenney, and D. Wright; and Messrs. J. Britton (leader), J. B. Gregory, J. H. Pollard, and G. L. Toplis—was proposed by Mr. Granville Shaw. At a committee meeting held subsequently all the officers were re-elected. The annual report records that a post-graduate course for members of the branch was held throughout the spring and autumn terms, thirty members taking it in full and another thirty-one in theory only. The facilities given by University College and staff, especially Mr. Trease, Miss Watson, and Mr. Turner, are acknowledged. A whist drive and dance held in December last was the means of raising £104 for the Society's Benevolent Fund.

Chemotherapy Questions at Birkenhead.—Birkenhead and Wirral Pharmacists' Association met at Birkenhead on April 11, when Mr. J. Butler, M.P.S., F.R.I.C. (Liverpool School of Pharmacy) gave an address on "Chemotherapy and Pharmacy." Mr. W. R. Evason presided. Mr. Butler discussed early experiments in dyes, and went on to deal at length with penicillin, describing in detail the special precautions that would be necessary for its dispensing and storage. In the discussion which followed the address, the question was asked whether the pharmacist was likely to be a mere distributor; what were the chances of his becoming a producer? Mr. Butler's view was that this would largely depend on chemists themselves. He believed chemotherapy would become part of pharmacy in the future. Systems of specialisation should be developed in pharmacy, as in the medical profession. Asked if penicillin pastilles would be of any use he said that if they were made properly and stored in a refrigerator they would keep for quite a long time, but would be useful only for the mouth and throat—not internally. A vote of thanks was proposed by Mr. C. H. Crawshaw, and was supported by Messrs. F. Haworth, J. W. Waterworth and others.

PARLIAMENTARY NEWS

Wheat Germ for Proprietaries.—Sir E. Graham-Little asked the Minister of Food, on April 17, whether wheat germ supplied to certain commercial firms producing patent foods and patent medicines was derived from any, and what, source other than home-grown wheat; and if he was satisfied that no home-grown wheat was diverted to flour destined for manufacturing purposes in which the valuable nutrient constituents of the wheat germ would be useless and destroyed by the process of manufacture. Mr. Mabane, in reply, said wheat germ supplied to firms preparing certain medical products was extracted from the wheat in the milling of flour for manufacturing purposes. This wheat might consist of home-grown or imported wheat. In reply to the second part of the question, manufacturing flour from which the germ had been extracted was so far as possible supplied for purposes where the processes involved would destroy the nutrients in germ. Sir E. Graham-Little then asked the Minister of Food which were the proprietary medical products now supplied with wheat germ separated from wheat in milling; what proportion of wheat germ thus resulting was supplied to these firms; and by whom was their selection determined. Mr. Mabane said the medical products for which wheat germ was now supplied were: Bemax, Froment, and C.V.B., and preparations made by Allen & Hanburys, Ltd., Glaxo Laboratories, Ltd., Bickiepegs, Ltd., A. C. Whitehead, and J. & M. Glaskie. The amount of germ provided for these products was less than 1 per cent. of the total germ contained in wheat milled in this country. Selection of products was determined by his Department, on medical advice from the Ministry of Health.

EMPIRE AND FOREIGN NEWS

Montreal's Oldest Druggist.—Mr. Charles Scarff, a native of Suffolk, England, has recently celebrated his ninety-third birthday. He is the oldest druggist in Montreal.

Penicillin for British Guiana.—A supply of penicillin has been sent to British Guiana for research into tropical diseases. The treatment of urgent civilian cases is not excluded from the purposes of the grant.

Toronto Closing Hours.—By a unanimous decision reached at a meeting of the Toronto Retail Druggists' Association recently, most pharmacists in the city will close at 9 p.m. on weekdays and 10 p.m. on Saturdays.

Upgrading for S.A. Services Pharmacists.—Following an approach to the Director-General of Medical Services by representatives of pharmacy in South Africa, the authorities have agreed to an upgrading of Senior Dispensers' posts in all seven hospitals having 1,000 beds or over that come within the jurisdiction of the Director-General. Four of the hospitals are in the Union of South Africa and three overseas. The promotions take effect immediately.

Dispensing Charges in Canada.—Commenting on the prevailing cost of medical treatment, Mr. Justice Pierre Casgrain, Montreal Superior Court, said that the authorities should investigate prescription costs with a view to taking necessary action. Frequently he was called upon to assess an amount for alimony in separation cases in which a wife required medical treatment and demanded an amount for that item, when the evidence showed that she was obliged to pay from $5 to $10 for a single bottle of medicine. He considered such high prices ruinous.

Board of Pharmacy Sought in Trinidad.—Pharmacists in Trinidad are to make representations to the Government to set up a Board of Pharmacy, composed either entirely or principally of pharmacists. Such a Board would control the affairs of the profession and establish facilities for practical training. Members of the Pharmaceutical Society of Trinidad and Tobago reached this decision after a four-hour conference recently, which pharmacists from all over the colony attended. It was disclosed, during the discussion which followed, that the Medical Board had promised a delegation of the Society to recommend the setting-up of a mixed Board of pharmacists and members of the Medical Board, but was opposed to an all-pharmaceutical Board. Another resolution adopted unanimously declared that e standard of education for druggists in s colony should be gradually improved i brought up to that of Great Britain, v n a view of enabling graduates to prac e throughout the British Empire.

Opium in Orissa.—A report by the Ex e Administration of the Province of Ori , India, for 1941–42, states that 3,236 - sons were prosecuted for offences aga t the Excise, Dangerous Drugs and Op n Laws, against 2,901 in the previous ye ; 2,789 (86·1 per cent.) were convicted. e opium-restriction scheme in the distric f Balasore was continued, and there w a further decrease in local consumption f opium. No organised smuggling was - ported, but there were indications t t some addicts and smugglers obtained il t supplies from the neighbouring non-p - hibition regions.

Penicillin for Civilian Use.—Penici n production in Canadian plants has b n so expanded that present civilian requ - ments are being met without assista e from the United States. Research in e field of mycology, together with m. / improvements in production methods, h e resulted in lowering the costs of product n until today one million units, which - merly cost the armed forces $200, now c t civilian hospitals in Canada $35. Expe - ture on penicillin installations in the Uni l States now exceeds $20 million, and U. plants are producing about 400 lb. p penicillin monthly. Canadian mate l compares favourably with this.

U.S. Penicillin in South Africa.—Lib l supplies of penicillin have arrived in So Africa from the United States, and drug is being released for the treatmen chronic as well as of acute cases. It is a being made available for all cases resist to sulphonamide drugs. Export from United States is still controlled by authorities, and its distribution in So Africa is in the hands of the penici distribution committee, but recent supp s have been so satisfactory that committee is in a position to make s plies available to all hospitals in Union, South-west Africa, British H Commission territories, Belgian Con Lourenço Marques, and Southern a Northern Rhodesias. Southern Rhode has recently been obtaining her o supplies and has not made any calls the committee.

TOPICAL REFLECTIONS

Proposed Limitation

The questions and answers at a recent ssion of a "brains trust" promoted by e Western (London) Pharmacists' Asciation (p. 454) are of more than ordinary terest. Those who are unfamiliar with e topography of the extensive area vered by the Association may like to now that not all its members own busisses in the most fashionable thoroughres of the Metropolis, and that in fact it presents a cross-section of British pharacy to a degree possibly not equalled by y other association of pharmacists. The ly question I have space to discuss here : "Can the Pharmaceutical Society pose a limit on the number of pharmasts in the country?" On the face of it, is appears to mean: "Can the Pharmautical Society refuse admission to the egister to students who qualify for gistration?" I do not suppose, however, at this was quite what the questioner tended to imply. The answer given by r. H. Steinman indicated that the question d been asked with special reference to the oposed National Health Service. On that nderstanding, Mr. Steinman put the atter in its true perspective with brevity d point. The Council of the Society, he id, "will never be able to deprive pharmasts of the right to open a pharmacy, but is desirable for members to have the ght to say whether or not a colleague can e accepted as a contractor under a new ealth service in an area that is well rviced."

zes of Panels

It will be as well to have this question scussed, and an understanding reached, good time. The range of sizes of doctors' anels has been a subject of comment on arious occasions: for an obvious reason here should be an upward limit to the umber of panel patients accepted by any edical practitioner or firm of practitioners. ught a similar principle to be applied to hemist contractors under the scheme? If a aximum number of patients for each anel doctor is made a rule in the new rvice, it is possible that a maximum umber of them for each panel chemist ill be fixed. In view of the likelihood of idemics occurring from time to time, his will not be unreasonable. Varying stimates have been made as to the population required to enable an average chemist n business to earn a satisfactory living. While the maximum number of panel patients per chemist was being fixed, it would balance this part of the scheme if each local authority was given the duty of fixing the number of chemists who should share the dispensing in its area. In any case, we may be fairly certain that as soon as any question of such limitation arose, the Government would take a hand in it.

A Passage in "Persuasion"

In Chapter XVI of Jane Austen's "Persuasion," a book completed in 1816, Sir Walter Elliot compliments his daughter Anne on her improved looks. "Had she been using anything in particular?—'No, nothing.'—'Merely Gowland,' he supposed. —'No, nothing at all.'—'Ha! he was surprised at that'; and added, 'Certainly you cannot do better than continue as you are; you cannot be better than well; or I should recommend Gowland, the constant use of Gowland, during the spring months. Mrs. Clay has been using it at my recommendation. . . .'" When and where did this long-lived proprietary lotion originate? In the Schedule to the Medicines Stamp Act of 1802 it appears as "Gowland's celebrated Lotion." (In the Schedule to the corresponding Act of 1812 the "celebrated" is dropped.) I have no knowledge of any earlier reference; but there is a possible clue in the announcement, in the "London Evening Post," of the death at Bath, on August 3, 1776, of "John Gowland, Esq., apothecary to the late and present King," who, it was stated, left a fortune of £60,000. Careful inquiries made by a friend on my behalf have established the fact that Gowland did not practise at Bath and was not buried there. Some of your readers may know more about him. It seems likely that either he devised and sold the lotion as a proprietary article, or that he was known to have prescribed something of the kind and the lotion was marketed, with his name attached, after his death. A "Liq. Gowland" of foreign origin still appears in "Pharmaceutical Formulas," Vol. I. Admirers of Jane Austen hardly need reminding that she lived at Bath from 1801 to 1805.

Postscript

As your readers have probably guessed, the date September 6, 1872, in the first paragraph of this section last week should be September 6, 1782.

Xrayser

LEGAL REPORTS

Starch Order Charge Dismissed.—Charges against Aspro, Ltd., Slough, Bucks, and its managing director, Ernest Henry Neale, Bray, were dismissed under the Probation of Offenders Act on May 3, on payment of £42 costs each. The charges were of conspiring to contravene the Starch Control Order by supplying 33 tons of arrowroot. Heavy fines were imposed on the purchasers of the material.

"Corrective Mixture."—A fine of £25, and costs of £15 15s., were, at Nottingham on May 4, imposed upon Hulmes Speciality Depôt, Ltd., 82 Upper Parliament Street, Nottingham, for unlawfully taking part in the publication of an advertisement referring to an article called "corrective mixture" in terms calculated to lead to the use of the article for procuring miscarriage. A plea of "Guilty" was entered. Instructions on the containers stated that the medicines were "not to be taken during pregnancy."

Alleged Theft of Drugs.—At West Ham, recently, James Charles Smith, a rag dealer, 55 Southern Road, Plaistow, London, E., was remanded on a charge of stealing, from some person unknown, ten tins containing ampoules, five syringes, twenty-one phials containing tablets, twelve loose tablets, a phial containing white powder, two bottles containing liquid, an ampoule case, a quantity of cotton wool, and two bandages. He was further charged with receiving the property, which was stated to have been found in a brown paper parcel between two sacks in a shed.

Pharmacy Act Offences.—At Lambeth, on April 9, H. W. Spedding, 218 Ivydale Road, Nunhead, was summoned for selling by retail at 367 Lordship Lane, East Dulwich, morphine in a preparation "The Mixture," and codeine in a preparation Veganin, the sales not being effected by a registered pharmacist. Ripley Webb, Ltd., the company of which Spedding was the secretary, was summoned for selling the preparation on premises not duly registered, and in containers not labelled with the name and address of the seller; and for unlawfully using the title "chemist." The hearing was adjourned.

Unauthorised Poison Sale.—At Derby police court, on April 18, William Lewis Waller, a hardware dealer, Derby, was fined £4 and ordered to pay an analyst's fee of £1 1s. on a charge of selling poison in a container not properly labelled and for effecting the sale when not authorised. (behalf of the Ministry of Food it was stat that a warning had been given to defen ant's wife that a licence was necessary f such sales, and it was expected that t warning would be passed on to the pr prietor. Subsequently a bottle of disinf tant was sold to the inspector and defenda took out a licence. In a letter to the Cou he stated that the offence was due to misunderstanding between him and his wi who did not inform him of the seriousne of the offence. "When I went for a licen at the police offices, nobody seemed know where a licence could be obtained he wrote. "I went all over the place un I found one at the central registrati department." The chairman of the Ben commented, "People who deal in this so of stuff ought to make it their business find out the regulations and observe them

COMPANY NEWS

T. Brewis, Ltd. (P.C.).—Capital £7(To acquire the business of a chemist carri on by Mrs. M. A. Brewis, 191 Twyfo Avenue, Portsmouth. Margaret A. Brew and Mary L. Morse, M.P.S., directors. R.C As above.

Gateleys, Ltd. (P.C.).—Capital £1(To acquire the business of a wholesale a retail chemist carried on in Birmingha by Stephen M. Gateley. Directors to appointed. R.O.: 269 Icknield Port Roa Birmingham.

Farmers Homœopathic Remedie Ltd. (P.C.).—Capital £500. To manufa ture, sell and deal in certain medical pre arations known as Captain Morton's Fo mulæ, etc. Geoffrey C. Morton and Herbe A. Easton, directors. R.O.: 43 Lond Wall, London, E.C.2.

Essex Pharmacy (1945), Ltd. (P.C.). Capital £2,500. To acquire the business a chemist and druggist carried on as t Essex Pharmacy at 14 Victoria Circu Southend. Lily S. Bidie, W. J. R. Bid and C. G. Hilliar, M.P.S., directors. R.C 14 Victoria Circus, Southend.

W. R. Hewlins, Ltd. (P.C.).—Capit £1,000. Manufacturers of and dealers chemicals, drugs, oils, colours, toilet requ sites, etc. Mary W. Hewlins and Charl O. Wood, directors. R.O.: 1 Denba Terrace, High Street, Great Bookhar Surrey.

TRADE NOTES

Moth Rings.—Promedico Products, Ltd., 2 Turle Road, London, N.4, invite orders or Promol moth rings. These are issued in ackets, terms for which are given on nother page.

Sole Distribution in Eire.—Harry J. R. Iayrs & Co., 115 Grafton Street, Dublin, Eire, have taken over the sole distribution n Eire of Menopax tablets, prepared by linical Products, Ltd., Richmond, Surrey.

Medicated Smelling Salts.—John Prentice London), Ltd., 3 The Exchange, London, N.10, announce that their John Prentice nedicated smelling salts are now being ationally advertised. Details of sizes and erms may be obtained from the manuacturers.

Dried Enzymic Digest.—Herts Pharmaeuticals, Ltd., Welwyn Garden City, anounce the introduction of Pronutrin brand asein hydrolysate for oral nitrogenlimentation. At present all available upplies are being used for rehabilitation eeds in Europe, but it is understood that upplies for home requirements will shortly e available.

Optical Examination.—The National Asociation of Opticians, 130 Princes Road, Liverpool, 3, announces that the next xamination to be held by the Association vill take place at Birmingham in July. Further particulars will be issued at a later late, but in the meantime interested persons may obtain a syllabus and entrance orms from the secretary at the address given.

Combined Pollen Vaccine.—Treatment of easonal hay fever and coryzal asthma is now generally accepted to respond more eadily to treatment with a combined pollen vaccine than with simple extract of Timothy-grass pollen. A suitable product is ssued by Duncan, Flockhart & Co., Edinburgh, under the name Pollergen, literature and prices about which may be obtained from the makers.

Representation in India.—Manufacturers and exporters in Britain of all types of drug-trade merchandise are invited to send to Joshi Pandit & Co., Sayajiganj, Baroda, India, particulars of terms of representation for their products in India. Mr. C. M. Pandit will shortly visit the United Kingdom to get in touch with manufacturers and exporters, and he desires the information in advance in order to assess the sales possibilities in India.

Liver Extract Injection.—Wellcome brand injection of liver extract is stated by the makers, Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, to be prepared by a special process designed to conserve the therapeutically-active principles of liver while eliminating inert or antigenic substances. The preparation is intended for the treatment of all types of macrocytic anæmia, and is supplied in ampoules of 2 c.c.

Port Sunlight at War.—The following figures of munitions production undertaken between 1940 and 1944 in the works of Lever Brothers, Port Sunlight, Ltd., illustrate the company's war effort. Since the war started, the works has made or machined one million cylinders for 25-pounder shells; 30,000 heating tubes and 46,000 curtains for bombers; 10,000 tank periscopes, with many thousands of spare parts; 166,000 clearing plugs for machine-guns and rifles; 200,000 "tommy bars"; one million armourers' drifts; 20,000 electrical components; and 2,300,000 composite rations for the War Office.

Business Changes

Mr. C. F. Stuart-Crump, M.P.S., Sutton, Surrey, has acquired the business of Manders, dispensing chemists, Belle Vue Pharmacy, Malvern.

Mr. D. T. Jones, M.P.S., has purchased the pharmaceutical business of Anderson & Virgo, Ltd., The Foregate, Worcester, and takes over on May 14.

A. L. Simpkin & Co., Ltd., announce that owing to staff shortage, London area correspondence should be sent, not to the company's London office, but to 32 Seymour Road, Hampton Wick. Empties should be returned to Hunter Road, Sheffield, 6.

Proprietary Articles Trade Association

Additions to Protected List.—*Calmic, Ltd.*, Oravac (oral anti-cold vaccine), 108s. doz., tax 18s. doz., inclusive retail price 13s. 6d.

J. L. Bragg, Ltd., Bragg's charcoal powder. Manufacturers hope shortly to be able to supply the size retailing at the price of 3s. 6d., including purchase tax.

Alterations.—*Pharmaceutical Specialities (May & Baker), Ltd.* Reduced prices for M. & B. 693 products come into operation on May 14. Details may be had from the makers on request.

BIRTHS

RUSH.—Recently, Cisty, the wife of William Charles Berard Rush, M.P.S.I., John Street, Kilkenny, of a son.

STAUNTON.—Recently, Mella, the wife of Cyril Joseph Staunton, M.P.S.I., Diepenbeek, The Rise, Mount Merrion, co. Dublin, of a son.

MARRIAGES

FYANS—BIDDOLPH.—At St. Marie's Catholic Church, Southport, on May 2, Bernard Fyans, M.P.S., 579 Lord Street, Southport, to Joyce M. Biddolph, Southport.

HENSHALL—TAYLOR.—At the Holy Trinity Church, Leamington Spa, on May 4, Thomas Henshall, M.P.S., 39 Warwick Street, Leamington Spa, to Megan Taylor, Preston.

DEATHS

ARNOLD.—On May 3, Mr. A. J. B. Arnold (Arnold & Ley, Ltd., importers and exporters of gums, 15 Seething Lane, London, E.C.3).

CORFIELD.—Suddenly, on April 28, Mr. Charles Edwin Corfield, B.Sc., Ph.C., F.R.I.C., 47 Northumberland Road, New Barnet, Herts, aged fifty-three. Mr. Corfield had been since 1930 the editor of the British Pharmaceutical Codex, Extra Pharmacopœia, and other scientific publications. He qualified in 1913, winning the Martindale medal, and gained two silver medals in the Pharmaceutical Chemist examination the following year. He was successively demonstrator and lecturer in chemistry at the Pharmaceutical Society's school, and head of the chemistry department until 1926. From 1920 he was a member of the board of examiners. In 1925 he went into partnership with the late Mr. P. A. W. Self as analytical and consulting chemists. From 1927–44 he was a joint secretary of the British Pharmaceutical Conference, and he served on the Therapeutic Requirements Committee of the Medical Research Council, on the National War Formulary Committee, and on the pharmaceutical chemistry subcommittee of the British Pharmacopœia Commission. He is survived by his widow (Mrs. Corfield, B.Sc., Ph.C.) and three sons.

The cremation at Golders Green on May 2 was attended by Messrs. F. G. Wells (president of the Pharmaceutical Society), J. F. McNeal (vice-president); J. C. Young (chairman, Publications Committee), C. W. Maplethorpe (chairman, Codex Committee), H. N. Linstead (secretary), F. W. Adams (deputy secretary), and W. K. Fitch; Professors H. Berry and W. H. Linnell; Drs. T. E. Wallis and G. R. Boyes; Messrs. T. Marns and R. R. Bennet Dr. N. Evers; Mesdames G. R. Boyes a E. W. Kassner; Mr. Frank Browne; Dr. Coutts; Messrs. S. K. Crews and A. R. Cro Dr. H. Davis; Mr. N. Dewey; Dr. F. J. Dy Mr. A. J. V. Field; Drs. G. E. Foster, Hartley, T. A. Henry and E. F. Hersar Messrs. W. R. Pratt, T. M. Sharp, G. R. Short and G. H. Sumner.

ENDERBY.—On April 5, Mr. Geor Alfred Enderby, M.P.S., Birk Lea, Spilsl Road, Boston, Lincs, aged sixty-four.

NEAL.—In July 1944, Mr. Regina Herbert Neal, M.P.S., 47 Weston Driv Stanmore, Middlesex. Mr. Neal qualifi in 1932.

OVERTON.—Recently, Mr. James Leona Overton, M.P.S., 6 Frays Avenue, We Drayton, Middlesex, aged sixty-three.

PORTER.—In action in Italy during Apr Major Norman Maund Porter, Roy Marine Commandos (a director, S. Ma Son & Sons, Ltd.), aged thirty-six. Maj Porter was the younger son of Mr. and M A. F. Porter, Broad Walk, London, N.2 Educated at Collegiate School, Heath Bro Boxmoor, and finally at St. John's Colleg Hurstpierpoint, his scholastic achievemen were above the average and he was a outstandingly versatile sportsman. Aft leaving school he joined S. Maw, Son Sons, Ltd., and five years later was elect to the board of directors. At the outbrea of war he volunteered for service with t Royal Marines and was gazetted tempora Second Lieutenant on December 1, 194 He rose to the rank of acting tempora Major. From August 1, 1943, to Septemb 12, 1944, he was in command of a squadr of landing-craft and took part in t invasion of Normandy, remaining there c special service work for three-and-a-ha months. Thence he was posted to t Royal Marine Commandos in Novemb 1944, flying to Italy, where, apart fro seven weeks in Corfu, he was on servi until his death in action. Major Porter w for several years before the war vice-capta of the Saracens' rugby-football club. H was also a keen amateur yachtsman.

SMITH.—On flying operations durir February 1944, Flight-Sergeant Guy E mund Smith, M.P.S., 3 Latymer Cour Hammersmith, London, W.6. Flight-Se geant Smith qualified in 1937.

WOLPERT.—In action in Germany, r cently, Lieutenant Max Mendel Wolper M.P.S., 1413 High Street, Walthamstov London, E.17. Lieutenant Wolpert qualifi in 1933.

PERSONALITIES

Mr. H. W. Graesser-Thomas (chairman, British Plastics Federation) has been admitted to the Livery of the Worshipful Company of Horners, and has also been made a Freeman of the City of London.

Mr. S. H. Plattin, M.P.S., 10 Derby Road, Nottingham, has been appointed First Grand Standard Bearer in the United Grand Lodge of England. The ceremony took place recently at a Grand Lodge festival in London.

Mr. H. W. Jacob, St. John's Road, Seven Kings, Essex, who has been a representative in East London and South-east Essex of S. Maw, Son & Sons, Ltd., New Barnet, Herts, for over twenty years, completed fifty years' service with the company on April 24. To mark the occasion, he was presented by the directors with a substantial cheque. Mr. A. F. Porter, managing director, warmly thanked him for the efficiency with which he carried out his duties. Afterwards he was presented with an illuminated address and a cheque subscribed for by the staff. Mr. Jacob is sixty-seven. He joined the company as a clerk at the office in Aldersgate Street, London, E.C.1, in 1895, and continued to work there for about twenty years. During the war of 1914–18 he acted as secretary to the War Savings Association connected with the company, and subsequently he was given an appointment as a representative. In 1935 he was president and chairman of the St. Vincent Association. A keen bowler, Mr. Jacob has played four times for Essex; in 1934 he was captain of the Seven Kings Park Bowling Club, and he has umpired on several occasions at chemists' bowling contests held on the ground of Messrs. Maw.

WILLS

Mr. John Edward Poad, chemist and druggist, El Bahr, Beach Road, Mevagissey, Cornwall, formerly of Plymouth, left £13,632, with net personalty £11,906.

Mr. Joseph Cookson, 28 Central Drive, Ansdell, Lytham, Lancs, retired chemist and druggist, left £7,081, with net personalty £5,020.

Mr. Walter Shepherd, 228 Broadway, Fleetwood, Lancs, formerly for many years works chemist for Samuel Heap & Son, Ltd., Caldershaw, left £2,036, with net personalty £1,996.

Mr. Jason Hall Worrail, 192 Burnross Road, Chapeltown, nr. Sheffield, for many years a research chemist with Newton, Chambers & Co., Ltd., chemical manufacturers, left £19,191, with net personalty £14,712.

Sir Joseph Arthur Arkwright, M.D., F.R.C.P., F.R.S., Cloister Garth, Furze Hill, Purley, a member of the staff of the Lister Institute for Preventive Medicine, and of the Agricultural Research Council, 1931–40, left £110,332, with net personalty £102,491.

Dr. Henry Julius Salomon Sand, D.Sc., Ph.D., F.R.I.C., 8 Cannon Street, Sherwood, Nottingham, formerly head of the department of inorganic and physical chemistry, Sir John Cass Technical Institute, London, left £9,702, with net personalty £9,641.

INQUESTS

Tablets Found by Children in Dustbin.—A cardboard case containing dangerous drug tablets found in a dustbin outside an empty house was stated at an inquest at Hammersmith, London, on April 12, to have resulted in the death of a three-year-old boy, who, with other children, ate some of the tablets, thinking they were sweets. A verdict of death by misadventure was recorded.

Overdose of Moryl.—A verdict of death by misadventure was returned at Coventry, recently, on Elizabeth Bowers, Masser Road, whose death resulted from an overdose of Moryl. A Sister at Coventry Hospital stated that Mrs. Bowers had been successfully operated on for hæmorrhoids. A few days later she was ordered an injection of Moryl, and the drug, in powder form, was dissolved in water and injected. Within a few moments the patient died. The doctor, said the Sister, had not told her the strength to use, but an ampoule usually contained the correct dose.

Warning Against Carron Oil.—At an inquest on a twenty-months-old boy at Croydon recently, evidence was given that the child was scalded from a teapot containing freshly-made tea. The clothes were removed and carron oil applied. The child seemed none the worse for the accident; but next morning he was taken to the doctor, who dressed his scalds and asked to see him again the following day. Later he became very sick and was taken to hospital, where he died. A pathologist, giving evidence at the inquest, protested against the use of carron oil, stating that it was "the cause of more burns going wrong than any other dressing." A verdict of death by misadventure was recorded.

PHARMACEUTICAL SOCIETY OF GREAT BRITA

A MEETING of the Council of the Pharmaceutical Society was held in London on May 1 and 2, the president (Mr. F. G. Wells) in the chair. All members were present except Messrs. J. T. Appleton and E. A. Brocklehurst, Professor Dilling and Sir Walter Langdon-Brown, from all of whom apologies were received.

Tuesday's Session

The Council received the report of a conference, called by the Joint Committee on a National Pharmaceutical Service on April 11, of interested organisations to consider the statement proposed by the Committee for submission to the Minister of Health and Secretary of State for Scotland. Correspondence was received from the Torquay Branch forwarding a resolution urging the Council to enforce the code of ethics at the earliest possible moment; the Southampton Branch urging that a resolution passed at a Branch Representatives' meeting should, if subsequently upheld by a majority of branches, be binding upon by the Council; and the Blackpool Branch, endorsing the motions put down by the branch secretary for discussion at the annual meeting of the Society.

Wednesday's Proceedings

THE PRESIDENT reported with regret the death of Mr. C. E. Corfield, and stated that Messrs. Young and Melhuish would express the feelings of the Council on this sad occasion. It was resolved "That the Council record with great regret the death of Charles Edwin Corfield, secretary of the Codex Revision Committee; editor of the British Pharmaceutical Codex, Extra Pharmacopœia and Pharmaceutical Pocket Book; a former lecturer in chemistry in the Society's College, and for many years a member of the board of examiners for England and Wales and joint honorary secretary of the British Pharmaceutical Conference. By his death the Society has lost one of its most able and esteemed members, whose labours were of the highest order, and who made an invaluable contribution to the maintenance and development of the Society's work. The Council acknowledges with deep appreciation his devoted service."

Letters were received from the North British Branch of the Society reporting a change in the divisional secretaryship for South Aberdeen by the appointment of Mr. R. J. Cowie in place of the late Mr. W. F. Hay; from the Pharmaceutical Societ the Polish Armed Forces thanking president for taking the chair at a mee of that body held in the Society's H on April 17; and from the Bristol Bra of the Society deprecating the time ta by the Council in discussing non-professi matters, such as that dealing with shortage of medicine bottles, and the sp given to reporting this matter in the "Pl maceutical Journal," when the subject one which, in the opinion of the Bra should properly have been considered the National Pharmaceutical Union.

Registration and Membership

THE REGISTRAR reported that since previous meeting fifteen persons had b registered as Apprentice or Student. names of seven persons removed from Registers during previous years had b restored. A Canadian pharmacist, hav submitted the evidence required, had b registered a Chemist and Druggist accordance with the requirements. Council approved the award of a diplo to one Pharmaceutical Chemist, and diplomas to fifteen persons who had pas the examination in April 1945 for the d loma in biochemical analysis. Sir He Hallett Dale (President of the Ro Society) was elected to honorary memb ship of the Society.

The Council received the annual rep for 1944 of the Executive of the No British Branch.

Appointments of the examiners for Council prizes and scholarships examinati for 1945 were approved.

Law Committee

The report of the Law Committee, p sented by Sir Malcolm Delevingne, show that the premises of 416 authorised sell and 177 drug stores and similar trad had been visited by the Society's inspect and agents during the month. Eight ca of alleged infringements had been consider and appropriate action taken. THE CHA MAN reported that on April 30 the Kin Bench Division of the High Court h dismissed an appeal in a case concerni the interpretation of Section 13 (1) (*a*) the 1941 Act, and that the Society's leg advisers were examining the position, sin the decision had a serious effect on t Society's powers in the enforcement of t provisions regarding disclosure of comp sition. A recommendation was adopt

hat a subcommittee should be set up to onsider redrafting and amending the y-laws, so far as they concern payment of egistration and retention fees, with a view o embodying any concessions it may be ound desirable to introduce in the interests of different classes of members of the ociety. The minutes made reference to n Order in Council signifying the Privy ouncil's approval of the appointment of Ir. Edward Denerley, Marple, Cheshire, as n inspector under the Pharmacy Acts, nd reported that Mr. J. C. Coombes, nother of the Society's inspectors, had een released from military service and ad resumed duty with the Society.

The War Aid Committee reported that letter had been received from the Blackool Branch conveying a resolution that he Branch would continue collecting onations for the War Aid Fund after their total (at present £908) had reached £1,000, and the secretary was asked to send a suitable letter of appreciation.

Inspection of Training Arrangements

The minutes of the Education Committee recorded that a letter had been received from the Blackpool Branch conveying the view of the Branch that standards and inspection of the training of students in pharmacies was impossible, and that the average pharmacy would be unable to adhere to those standards.

Among other matters which received the attention of the Public Services Committee was the extension of the school medical service to cover treatment as well as inspection. It was reported that an inquiry was being put to the Ministry of Education about the pharmaceutical arrangements which were being made.

WOMEN PHARMACISTS' ANNUAL MEETING

HE annual meeting of the National ssociation of Women Pharmacists was eld in London on April 26, the president Miss M. C. Islip, a member of the Council f the Pharmaceutical Society) in the chair. epresentatives from the Manchester, ottingham, Leicester and Newcastle ranches of the Association were present. Miss Islip said that, during the past few ears of stress and strain, women pharacists had shown how much they could ccomplish. In the new National Health ervice there might be opportunity for aking changes in pharmacy, and it was p to all pharmacists to take advantage of he occasion. Service to the public was the rst duty, and co-operation amongst all harmacists was essential.

Work Among the Branches

After presentation and adoption of the nnual report, Miss H. Thompson (president, Manchester Branch), giving a summary of meetings held during the year, eported that the Branch had representaives on the Standing Conference of Women's Organisations, the executive of the Manhester International Women's Service Group, and on the executive of the junior ection of the Manchester Branch of the Pharmaceutical Society. There were four epresentatives on the joint executive of he Manchester Branch of the Society and Manchester Pharmaceutical Association. Miss M. Burr and Mrs. Manson reported on the activities of the Nottingham Branch, Mrs. Manson giving an account of a "Bring-and-Buy Sale" which resulted in a substantial sum being sent to the Society's War Aid Fund, and describing a pharmaceutical "quiz" held by the Branch. Miss Burr urged that women should be encouraged to take a more active part in the annual Branch Representatives' meetings. Two members of the Nottingham Branch, she said, had been appointed to the Advisory Committee for Pharmaceutical Education at University College, Nottingham. Miss M. H. Perkins (president) and Mrs. A. E. Preece (secretary) reported on the work of the Leicester Branch. Three successful meetings had been held. The branch had two representatives on the local pharmaceutical war committee and three on the branch of the Society. Miss Perkins had been appointed to the advisory committee of the Leicester College of Technology. Miss Berven read a report sent by Miss I. Hay (secretary of the Newcastle Branch). During the first year of its existence the branch had held three meetings; there had been discussions on equal pay for women pharmacists and on conditions of apprenticeship and training.

Inventors of D.D.T.—A statement by a "Manchester Guardian" reporter that the inventor of D.D.T. was believed to be an inmate of Buchenwald camp at the time of its liberation was later denied by a correspondent, who stated "Neither of the joint inventors—Dr. Paul Läuger and Dr. Paul Müller, of Basle—has suffered this horrible fate."

NATIONAL PHARMACEUTICAL UNION

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held in London on April 25, Mr. E. A. Brocklehurst in the chair. THE CHAIRMAN declared Messrs. E. Skues and J. F. McNeal elected in the by-elections in the Metropolitan and Southern (Division 2) areas (see *C. & D.*, April 28, p. 417, for full details).

Election of Officers

ALDERMAN W. J. TRISTRAM thanked the Executive for their support during his year of office as *Chairman*, and proposed that Mr. E. A. Brocklehurst be elected as his successor. This was carried with acclamation. MR. BROCKLEHURST thanked the Executive for the honour conferred upon him and the confidence shown in electing him in a year which it appeared likely would be outstanding in the world's history. He thanked the retiring chairman for his work during the year, and congratulated him upon his election as chairman of the Joint Committee on a National Pharmaceutical Service. Mr. H. Steinman, Manchester, was unanimously elected *Vice-chairman*, and Mr. A. R. Melhuish, London, was unanimously re-elected *Treasurer*. The *Central N.H.I. Committee* was re-elected, Mr. F. E. Battershill replacing the late Mr. W. W. Atkinson, and Mr. G. H. M. Graham replacing Mr. A. Dobson; Mr. E. Skues was also elected to this committee. Other committees reappointed were the Accounts, Price List, Special Staff and the Business Services Committees. Representatives were reappointed to the Drug Trade Council, Joint Committee on a National Pharmaceutical Service, Liaison Committee with the Pharmaceutical Society, Joint Parliamentary and War Distress Fund Committees, and Organisations Staff Pensions Fund Trustees.

Reports of meetings of the Accounts, Business Services and Central N.H.I. Committees were received and approved.

P.A.T.A. Matters

A letter was received from the secretary of the Proprietary Articles Trade Association, submitting a report of the quarterly meeting of the P.A.T.A. council held on April 12 to deal with matters raised by the N.P.U. The letter stated that proposals incorporated in an accompanying report were designed to solve most of the problems that had been submitted by the N.P.U. Executive, and represented the utmost that could be done at present. It v resolved to adopt the report, the Execut reserving the right to reopen at so future date, if necessary, discussions outstanding differences of opinion.

The Executive reconsidered matt affecting the distribution of infant foo reports upon which were also received fr members of the Executive, dealing particular with arrangements for distri tion of full-cream dried milk and other fo products by clinics and offices of Ministry of Food. The secretary was asl to make further inquiries through the fo manufacturers.

Unofficial Apprenticeships

THE SECRETARY stated that a note h been included in the March issue of N.P.U. Supplement, asking members report any instance in which they h apprentices serving under documents apprenticeship not registered with Pharmaceutical Society, and in which apprenticeship had been interrupted call-up. This information had been sou by the Joint Industrial Council so that a such apprentices could be given the benefi following their release from the Forces, the Ministry of Labour's Interrupt Apprenticeships Scheme. The secretary the Joint Industrial Council for Ret Pharmacy was asked to inquire from t Pharmaceutical Society what action w being taken by the Council regarding reg tered pupils, who could get the benefit the professional training grants instead the apprenticeship grants.

The Executive decided to recommend members to comply with any official V day suggestions (see *C. & D.*, May 5, p. 44

Mr. Charles Philip, Penge, offered as gift the copyright of his standard ret price list, which had been issued by h for many years prior to the war. It w resolved to accept the offer and tha Mr. Philip.

The following resolution was receiv from the Grimsby Branch of the N.P.U "That, in any arrangement which t N.P.U. shall make for dispensing under t new National Health Service, 6 p.m. sh be fixed as the normal closing hour on a night for chemists' shops."

Two claims upon the Air-raid Mutu Assistance Fund were reported outstan ing; no new claims had arisen. Subscri tions to the War Distress Fund we reported maintained at a satisfactory lev

e total amount subscribed at the time the meeting being £33,891, of which 8,642 was available to meet calls on the nd. It was resolved to recommend the ar Distress Fund Committee to dis-ntinue collection of subscriptions at the d of the present year, provided no un-reseen needs arise, and to invite members o had any claim upon the fund to submit eir claims forthwith.

Matters arising out of recent develop-nts concerning the proposed National alth Service were considered, and a cument that had been adopted on ril 11 by a conference of representatives organisations interested in pharma-itical aspects of the proposed Service s received and approved.

The secretary of the Kent Pharmaceutical Committee raised a question concerning the supply of non-scheduled appliances when ordered on N.H.I. prescriptions, and it was resolved to obtain a ruling from the Ministry of Health regarding payment for such appliances, the reply to be circulated to Pharmaceutical Committees. A shortage of small packages of surgical dressings, the dispensing of urgent prescriptions, and the pricing of vaccines, etc., were also considered.

Chemists' Defence Association

Two claims arising out of fatalities were submitted for the authorities to settle. Payments made included £250 to settle a claim arising out of a dispensed medicine, £135 in respect of personal injuries due to use of a lotion, and £115 compensation for loss of a customer's camera.

CHEMISTS' FRIENDS ASSOCIATION

MEETING of the council of the Chemists' iends Association was held in London on ril 17, the president (Mr. T. Heseltine) the chair.

It was proposed by MR. S. J. STEARN, d carried unanimously, that the C.F. uncil should record its appreciation of al co-operation in and assistance to the sociation by members of the N.P.U. staff ring the previous four years, during which ndon had been subjected to enemy action.

The following applications for manu-turer membership of the C.F. Associa-n were accepted: Influcol, Ltd., Brad-d (Influcol cold remedy); Southon boratories, Ltd., London, S.W.15 (Eso-n emulsion; Hexa-mandelate; urea for-c iodide; Esotone; Esoban capsules, tment and emollient; E.P. tablets, and oban urea formic iodide); and Thos. risty & Co., Ltd., Farnham, Surrey er-De-Co dental adhesive).

Two other applications for manufacturer embership were accepted subject to the plicants' amending their literature as ggested by the Standards Committee. e application for an addition to the hedule of an existing C.F. agreement s referred back.

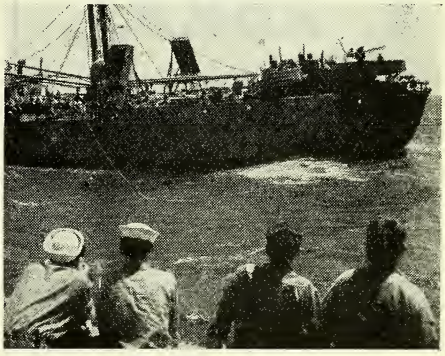
The following representatives were elec-d to the C.F. Scottish Committee for a riod of two years:—

Manufacturers' Representatives: Hark-ss, Beaumont & Co., Ltd., Leith (Mr. J. Laurence, managing director); Cock-rn & Co., Ltd., Glasgow, C.1 (Mr. R. A. upar, managing director); and Allen & anburys, Ltd., London, E.2 (Mr. A. ilson Strachan, Scottish representative).

Wholesalers' Representative: T. & H. Smith, Ltd., Glasgow, C.1 (Mr. R. Graham, managing director).

Retailers' Representatives: Messrs. Charles A. Buick, 27 Princes Street, Port Glasgow; W. Spence Culbert, 11–15 Stirling Street, Airdrie; W. T. Elder, 176 George Street, Aberdeen, and Alex. Murray, 240 Albert Drive, Glasgow, S.1.

An application by an unqualified trader in North London for permission to sell C.F. products by retail was rejected. Of twenty-eight applications for maintenance of supply of C.F. products to businesses temporarily converted into drug-stores owing to war-time conditions, eighteen were accepted and ten referred back.



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.. CXLIII MAY 12, 1945 NO. 3405

e fact that goods made of raw materials short supply owing to war conditions are ertised in this paper or described in its torial columns should not be taken as an ication that they are necessarily available export.

"All Clear" in Europe

E declaration by the Prime Minister and er Allied leaders at 3 p.m. on May 8 the defeat of Nazi Germany was received the nation with heartfelt thankfulness l relief. This great and hard-won victory civilisation and the common decencies life has been celebrated by two days quiet, informal rejoicing. The official mination of the tragedy of Europe was t the occasion for formal celebrations on national scale. Small but dangerous ups of Nazi fanatics may still have to be terminated, and the war in the Far East s yet to be brought to a successful con- sion by the defeat of the Japanese.

It is sufficient for the present that Nazism, evil creed of oppression, terrorism and utality and its mad plan of world con- est and enslavement have been smashed d defeated. The day of reckoning for e German nation is at hand, and punish- ent for the unspeakable crimes and rocities committed against humanity ust be swift, stern and just. There can be mercy this time.

Britain holds out the hand of friendship the peoples of liberated Europe. We ve assisted in driving the scourge of Nazism from their countries: we are doing everything possible to relieve their present urgent needs, and we shall strive to secure their rehabilitation, security and happiness in the years ahead.

Tribute to our Armed Forces

To our men and women of the Royal Navy, the Army and the Royal Air Force, and the armed Forces of our Empire and the Allied countries, and to the men of the Merchant Navy, who have served and fought so magnificently and borne all the horrors of modern warfare, we can only express great pride and the highest admiration, with deep and lasting gratitude for deliverance at their hands. Almost every week during the past five years we have had to record the death on active service of men who were formerly connected with the drug trade. To them we pay solemn tribute. While we mourn the irreparable loss of many thousands of our kinsmen who have made the supreme sacrifice we must make it our first duty to those who will be returning home to see that they have not endured in vain. Our debt to them must be redeemed by action.

The Home Front

This has been a "total" war, and it must be placed on record that the civilian population of Britain has played its part worthily in the struggle. Practically every able-bodied man and woman has served in one or other of the defence organisations that were set up to meet the threat of invasion and to resist aerial attacks. Since five years ago—when Britain stood alone—our cities and towns have experienced various forms of aerial bombardment. Loss of life and injury has at times been grievous, and material damage substantial. The business of the country and the essential production of munitions of war were carried on throughout those grim and trying years of privation, toil, misery and tragedy. The nation stood united, firm and resolute behind its fighting men and women. Equally, with the glorious achievements of our Forces overseas, the enemy has been defeated on our home front.

The man-power shortage has been felt with especial severity in civilian pharmacy. A proportion of businesses has had to close

down for the period of the war. This has thrown extra work on the remainder, themselves called upon to sacrifice staffs. The result has been that in most instances a qualified man has had to carry on alone, usually without hope of relief even for an annual holiday. Some have had to continue in harness beyond retiring age, while other elderly pharmacists have self-sacrificingly emerged from retirement to shoulder the burden of a younger man's responsibilities. Of necessity, dinner-hour closing and shorter hours have become the rule, but the apparent gain has been more than absorbed by the need for after-hours work in ordering, checking and putting away stock.

Controls and Restrictions

A new Act of Parliament affecting many sides of the chemist's business has had to be mastered, and a constant succession of Statutory Rules and Orders has enormously increased the amount of clerical and memory work involved in running a pharmacy—orders connected with drug shortages, the making of toilet preparations, personnel, civil defence, and many other activities. Fortunately the services offered voluntarily by pharmacists in distributing materials for protection against chemical warfare have not had to be called upon, but civilian pharmacists have been well in evidence in the casualty services, gas-detection squads, Home Guard and other defence organisations, all adding to a working-hours burden that, at the times of the winter epidemics, made many feel that they were on the verge of a breakdown.

Sales Volume Maintained

Paradoxically, despite purchase tax, limitation of supplies, quotas, and all the restrictive accompaniments of war-time trade, chemists have been less hard hit than some other shopkeepers in always having something to sell, even if not precisely what the customer wanted. Sales or refusals have, however, made equal inroads on the pharmacist's time, and have given rise to harassing distractions from the all-important work of dispensing. The end of the war in Europe no doubt holds out the hope of eventual release from much overwork, but there is not likely to be any marked change of circumstances for some time to c e, for it has been announced that releas of men from the Forces will not comm e at the "official" cessation of hostili s, but at a later date.

Wholesale Trade under War Condition

The part played in the war by the wh n sale side of the drug trade has not bee r easy one. Problems of transport, lal d and supplies have had to be overcome a service maintained, often in the fac f acute difficulties. Naturally, occasi l complaints have been received from s e quarters, but it can be said that the o whelming majority of chemists gre y appreciate the splendid efforts made n their behalf by the wholesalers.

One of the outstanding achievement f the war years has been the ability of e manufacturers of pharmaceutical and e chemicals to meet the tremendous dema s for supplies of these essential prod s required for the fighting Forces of all e Allied Nations. The high standard f health and the absence of serious epide s in the disease breeding-grounds of e devastated countries of Europe, the trop s, the desert and the jungle, reflect the gr est credit on our manufacturers and t r technical staffs. At the same time e civilian needs at home have been met, v n no serious shortage noted throughout e war. Shipments of British pharmaceut l products to overseas buyers have had o be restricted for the past five years, t increasing quantities are already b g dispatched. There is no doubt that e experience, initiative and almost unlim l capacity of the British drug and chem l industry puts it in the forefront of e world's post-war sources of supply.

"The City" Carried On

Conditions in the crude drugs and ess tial oils importing trades have also re sented a struggle against problems rai by the war. Severely curtailed shipp space, close control of imports and pri and severed sources of supply have b among the major difficulties encountered Mincing Lane. To the credit of import merchants and others connected with primary markets must be recorded the f that business has been conducted w

rness, cheerfulness and willingness to lp. The London markets deserve a special bute for their conduct in the face of the orst the enemy could do, when, nearly ped out by bombing, they carried on, tting an example to the world of "Business as Usual."

The manufacturers of proprietaries and descriptions of packed goods, and the uggists' sundries trade, have overcome any difficulties, not the least being the forced use of substitute materials and r-time packaging. For security reasons, d on account of shortage of supplies for vilian use, chemists' photographic trade has ffered an almost complete "black-out." his trade will, we believe, make a rapid covery in the immediate post-war period.

estricted War-time Supplies

The manufacturers of cosmetics, toilet prerations and perfumes had early to "contrate" their production, and supplies re cut to the minimum under the Limitaon of Supplies Orders. Both of these fficulties should be among the first warne barriers to trade to be removed. Outle "black-market" trading in these procts has been rife, and will tend to increase the legitimate trade is not now allowed restricted production.

Every section of the trade—and there e many—has been assisted by its trade ganisation, particularly in negotiations th Government departments on restricon and control matters. The splendid ork of the Pharmaceutical Society, the ssociation of British Chemical Manufacrers, the N.P.U. and C.F.A., the P.A.T.A. d W.D.T.A., to mention but a few, has en invaluable to those directly concerned d to the nation. A word of appreciation due to the men and women who, somehow other, have found the time to direct these ganisations and to the secretaries and eir staffs for their unfailing courtesy and lpfulness, often under trying conditions.

In its particular sphere THE CHEMIST AND RUGGIST has endeavoured to keep all ctions of the trade fully and authoritavely informed on the ever-changing ading conditions in retail, wholesale and anufacturing. Like the trade as a whole, we ave had our share of war-time difficulites, but the *C. & D.* has never failed to be issued on time each week. Throughout, we have endeavoured to assist and advise the harassed trader and to facilitate his business activities, and so help in the smooth running of the national machine and the war effort.

Common Sense Wins

THE decision of a Divisional Court in the appeal of the Pharmaceutical Society reported on p. 448 of last week's issue of the *C. & D.* is a matter for congratulation, not only to the respondents (Heppells (1932), Ltd.), but also to the trade at large. It will be remembered that on July 6 last year this company was summoned at a London police court (*C. & D.*, 1944. II. 150) for alleged non-disclosure of an ingredient in a proprietary medicine, and that the summons was dismissed. That decision has now been unanimously affirmed by the three judges who heard the appeal. The ingredient referred to was aloes, present in Taxol to the extent of one part in 150—less than one-third of 1 per cent. It is obvious that so small a proportion renders the aloes a mere adjuvant in the laxative effect of the preparation, and that its omission from the list of ingredients can only be said to constitute a technical infringement of Section 11 (1) (*a*) of the Pharmacy and Medicines Act, 1941. The relevant words of the subsection are:—

> "(i) the appropriate designation of the substance so recommended, or of each of the active constituents thereof, or of each of the ingredients of which it has been compounded; and
>
> "(ii) in a case where the appropriate designation of each of the active constituents or the ingredients is written as aforesaid, the appropriate quantitative particulars of the constituents or ingredients."

The retailer cannot know, without incurring the expense of analysis—and not always even then—the exact composition of every proprietary article that he sells. The analogy of a provision in the Food and Drugs Act, 1938, is noteworthy. Section 6 (1) of that Act provides that a person

> "who gives with any food or drug sold by him a label . . . which falsely

describes that food or drug, or is otherwise calculated to mislead as to its nature, substance or quality, shall be guilty . . . unless he proves that he did not know, and could not with reasonable diligence have ascertained, that the label was of such a character . . ."

Again, in the administration of the Medicines Stamp Acts repealed by the Pharmacy and Medicines Act it was the "proprietor, compounder, or first vendor" on whom was laid the obligation of stamping medicines or alternatively of giving on labels an adequate indication of their ingredients.

Narrow Legalism

A basis for this prosecution was apparently found by collating certain phrases in Sections 11 and 13 of the Pharmacy and Medicines Act. Section 11 begins by stating that, subject to the provisions of the Act, no person shall sell by retail certain articles. Section 13 (1) (*a*) allows any person charged with selling or supplying, in contravention of any provisions of Sections 11 and 12, an article consisting of or comprising a substance recommended as a medicine the defence that he "did not know, and had no reason to believe, that the article consisted of or comprised such a substance." As the provisions of these three sections relate to retail sales alone, the sections, read literally, place the onus of seeing that disclosure of contents is "appropriate" on the retailer. When he is selling anything of his own preparation or manufacture, the circumstances are simple enough; but sales of proprietary articles purchased by him in the ordinary course of business are, as we have indicated, in a different class. Is there, then, no defence available to a proprietor pharmacist who inadvertently sells with insufficient disclosure of contents a proprietary article not of his own manufacture? Evidently the learned judges in the appeal of April 30 decided that there is; and it is significant that, in giving the judgment of the Court, Mr. Justice Lewis used a phrase almost identical with one in Section 6 (1) of the Food and Drugs Act of 1938, cited above.

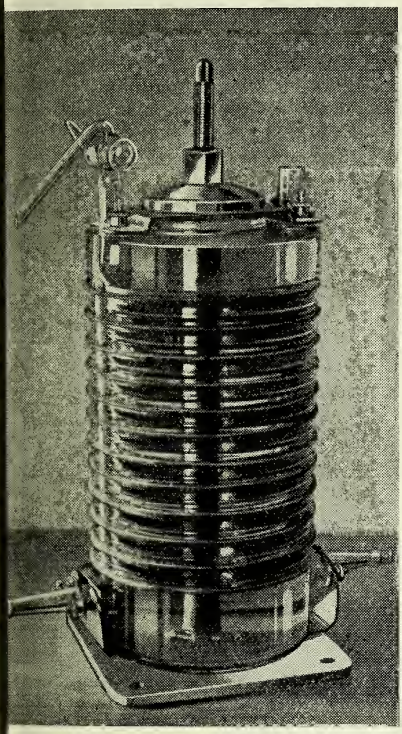
In promoting this recent prosecution and appeal the Pharmaceutical Society has not added to its fame. The dictum of Mr. Justice Peterson in the Jenkin case in that the word "protection" was "in nite" had, though uttered in a diffe connexion, a prophetic undertone. kind of protection offered in such proc ings as these to those who carry on business of a chemist and druggist indefinite in the extreme. It will be from advantageous to pharmacy if Society, at present known as an exami and registering body, acquires the rep tion of being a prosecuting body. instruct learned counsel to spread forc butter on the high reputation of defend when prosecuting them in court does increase the respect of the average men for those on whom the responsibility prosecution rests. When there is thou to be urgency for obtaining a legal deci it should be possible to arrange a "frien action. There is ample precedent.

London Branches Win Throu

A NOTABLE example to branches associations in how to carry on ur difficulties has been set by South of Engla and particularly London, branches of Pharmaceutical Society and by the me politan Pharmaceutical Associations. typical example is to be found in the W Ham and Eastern District Associatio Pharmacists and Branch of the Pharma tical Society, which has just rounded of winter session with two evening scien meetings (see p. 470). Despite the fact t the district covered by the Associa coincided with the "reception area" fo high proportion of the rockets and fly bombs which fell in the bombardment London and Essex; despite the fact t the pharmacies of all its officers and m others among its members suffered dama West Ham carried out its programme meetings "according to plan." There w indeed, one casualty, but that was caused by the war. The thickest Lon fog for some years necessitated the ab donment of a lecture due to be given Professor Berry in December 1944. Oth wise, every meeting was held, and all w well supported by members. Pharmac everywhere will join in praising the fortit of their *confrères* in Southern England.

THREE USEFUL FILTER PRESSES

E importance of efficient filtration in the rmaceutical, chemical, cosmetic and per- nery industries is being increasingly real- l by those concerned. With the end of the r achieved, the thoughts of manufacturers turning towards peace-time production,

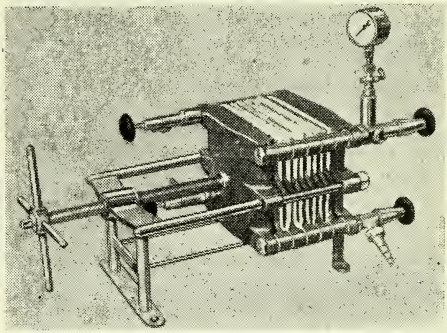


GP 14 filter-press

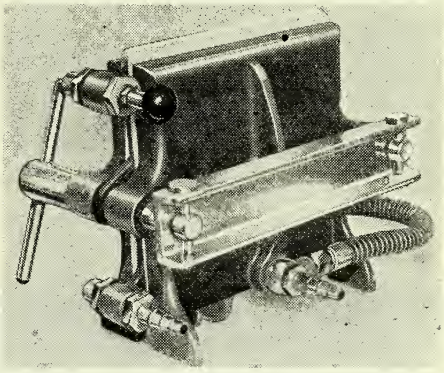
l the occasion is opportune to draw ention to three filter presses made by tish Filters, Ltd. These are the AP 20, GP 14 and the APS 20/1. The first two being used extensively in the prepara- n of blood plasma for transfusion rposes. They are also being employed in teriological work, in the preparation such materials as antitoxins and peni- in, and to prepare sterile filtrates and let preparations and cosmetics where lliance and purity are desired. Sterilisa- n of liquids is secured by the use of tain types of asbestos pads, and the ocess is particularly valuable in the eparation of pharmaceutical and medicinal oducts.

Sterilising Pads

The medium in the AP 20 and GP 14 filters is Ford's Sterilmats, which can be obtained in a variety of filtering qualities. With eight sterilising pads 20 cm. square, the AP 20 passes 100 gallons of water per



AP 20 filter-press



APS 20/1 filter-press

hour at 20° C., and at a pressure of 20 lb. per sq. in. The filter plates are made of RR 50 aluminium alloy, and are produced by a special process which gives a remarkably smooth finish to the ribs. All the aluminium parts are coated with lacquer, which is durable, corrosion-proof, and sterilisable. The use of aluminium alloys makes the filter readily transportable, and the whole design has been carefully considered so that cleaning of all the parts is a simple operation. The assembly of plates and frames is a unit in which the liquid is circulated, and the fixed and moving ends are not used in the process, thus overcoming the problem caused by having in the ends inaccessible passages that are difficult to

clean. The model is marketed by A. Gallenkamp & Co., Ltd., London.

A glass filter, GP 14, is made from Chance's Hysil glass, with stainless steel centre-bolt, and all connexions to the filter are made with interchangeable ground-glass joints, so that any combination of fittings may be used. The filter can be sterilised, and, being remarkably robust, is excellent for research work in the laboratory, or where reasonable care in handling is possible. With eight sterilising pads, and at a temperature of 20° C. the filter passes 65 gall. of water per hour at a pressure of 10 lb. per sq. in. One attraction of the filter is that the whole operation can be seen. A large all-glass pressure vesse available for use with the filter. It ha capacity of 18 litres, and is complete w stand, steel-mesh guard, safety va pressure gauge and rubber buffers. B the AP 20 and GP 14 models may be s at showrooms at 32 Berkeley Str London, W.1.

The APS 20/1 is a small filter-press us two filtering-pads 20 cm. square; it pa fifty gall. of water per hour at 20° C. an a pressure of 20 lb. per sq. in. The m is supplied in plain aluminium finish, w steel and brass parts cadmium-plat or coated with special corrosion-resist lacquer, its bright parts chromium-plate

SOLUBILITY OF MERCURIC CHLORIDE IN SPIRITS

by William Stout, M.P.S.

Abstract of a paper read before the North British Branch of the Pharmaceutical Soci

In an attempt to make a 5 per cent. solution of mercuric chloride in mineralised methylated spirit for treating wood for dry rot, it was found that, on warming the mercuric chloride with the spirit a clear solution was obtained, but on cooling a heavy flocculent precipitate formed in the solution. A rough test showed that the clear liquid contained mercuric chloride, and this was successfully used for the treatment of wood. The action of mercuric chloride on the constituents of methylated spirit was investigated with the following results:—

In ethyl alcohol a perfect solution resulted.
In methyl alcohol a perfect solution resulted.
In mineral naphtha no precipitate was formed.
In alcoholic solution of pyridine a flocculent precipitate was formed.
The colouring matter of the spirit took no part in the reaction.

It seemed clear, then, that the pyridine of the methylated spirit was the cause of the trouble. It is well known that pyridine forms salts with mercuric chloride and a few other chlorides, but no one appears to have pointed out the incompatibility of mercuric chloride with methylated spirit. A quantity of the precipitate was prepared and examined. It is a white substance tinted with the methyl violet of the spirit, and practically insoluble in water. It has no well-defined melting-point, commencing to melt at 140° C. and almost molten at 150° C.; not until 170° C. is reached does complete liquefaction take place. The presence of chloride was proved. Some of the substance was treated with sodium hydroxide solution, when yellow mercuric oxide was thrown down, proving the presence of mercury in the compound. On heating the precipitate, oily drops f pyridine were condensed. It is conside that the precipitate consists of pyrid mercuric chloride.

Allowance for Pyridine

The solubility of mercuric chloride methylated spirit after removal of pyrid was determined, and found to be 1 in The B.P. gives the solubility of merc chloride in rectified spirit as 1 in 4, U.S.P. as 1 in 3·8, hence it may be ta that the solubility of mercuric chloride methylated spirit is approximately same as in rectified spirit. The amount mercuric chloride removed from soluti in methylated spirit by the pyridine w found to be 1·42 per cent. from a 5 per ce and 1·47 per cent. from a 10 per cent. s tion. An allowance for a loss of appr mately 1·4 per cent. of mercuric chloride action of pyridine must therefore be ma

Since isopropyl alcohol is frequently u in place of ethyl alcohol as a solvent, solubility of mercuric chloride in this s stance was determined and found to 1 in 13.

Multiwall Paper Bags.—A type of pack that is finding increasing favour in United States for a variety of produ including soap powder and detergents, the multiwall paper bag. This consists two to six walls of kraft paper, varying quality according to the density and phys character of the contents. Each wall fabricated in tube form, one within other, so that each contributes to strength of the wall. Great flexibility possessed by the containers.

EIRE PROVINCIAL DINNERS

URING April the president of the Pharaceutical Society of Ireland attended two ccessful functions in the provinces. The st was held in Ballina, in the West, and e second in Cork City, capital of Munster. e Ballina dinner was held on Easter onday, under the auspices of the Mayo harmaceutical Association, and presided er by Mr. W. J. Adamson. Some two ndred guests were present, including presentatives of the medical and legal ofessions, and Mr. J. K. Whelehan (vice-esident, Pharmaceutical Society of Ire-nd) and Mrs. Whelehan. Mr. M. S. Duncan, llina, was M.C.

MR. GEORGE HEWSON proposed "The harmaceutical Society of Ireland," saying w much all present appreciated the nour paid them by the president and ce-president of the Society. Mr. Hewson viewed the work of the Society and paid bute to the up-to-date training given at schools and the high standard of its aminations. Giving a computation of escriptions compounded over a lengthy riod, and quoting the small factor of or, he maintained that this was the best stimony of the Society's standards of ining. The toast having been honoured, R. CREMEN, on rising to reply, was given an ation. He said his reception in Mayo had en most cordial. Mayo chemists were of e type the Society required. He gave an tline of the plans the Pharmaceutical uncil hoped to onsor in the near ure. His speech was rmly applauded.

ng Toast List

MR. M. MULREANY, go, proposed "The sh Drug Associon" to which MR. SMITH suitably plied. MR. C. J. HERTY, Westport, proposing "Our ests," stressed that ny had travelled g distances to be sent—a tribute to Mayo Associan. DR. COYNE, stlebar, respond-, complimented all ncerned on the sucss of the Mayo chems' first venture, and referred to the high esteem in which he held Irish pharmacists. MR. S. HANNON (solicitor) proposed "The Ladies," and MISS STACK, Westport, replied. "The Mayo Pharmaceutical Association" was proposed by MR. WHELEHAN, who said that the Association was both progressive and prosperous, and it deserved its good fortune. MR. N. A. MCKANE (the West's representative on the Pharmaceutical Council) made an appropriate reply. MR. W. S. HUGGARD (vice-president, the Incorporated Law Society of Ireland) offered the toast of "The Chairman." MR. ADAMSON, replying, mentioned that the dinner was in aid of the Benevolent Fund.

First Cork Reunion

The dinner organised by the Cork chemists, held on April 11, was presided over by Mr. D. J. O'Hanlon, M.P.S.I. It was the first social reunion organised by the Cork chemists, and from every point of view was a decided success. There was an attendance of some 130 guests, and the party which travelled from Dublin included the president of the Society and Mrs. Cremen, Mr. Lyall G. Smith (president, Irish Drug Association) and Mrs. Smith, and Mr. J. Fasken (chairman, wholesale section, I.D.A.)

MR. W. A. FIELDING, M.P.S.I., proposing "The Pharmaceutical Society of Ireland," welcomed the president, and looked forward to the day when it would be com-

EIRE PHARMACEUTICAL CHEMISTS' AND STUDENTS' DANCE.—Group photographed at pharmaceutical chemists' and students' dance held in Dublin on April 12. Seated (*left to right*): Mrs. Cremen, Messrs. Peter Rosney (chairman, Pharmaceutical Chemists' and Students' Social Committee), C. J. Cremen (president, Pharmaceutical Society of Ireland), Lyall G. Smith (president, Irish Drug Association), Mrs. Lyall Smith and Mrs. J. D. Tooher. Also in the group are Messrs. P. C. Cahill, and Sylvester O'Farrell, Mr. and Mrs. J. Treacy, Messrs. F. Walsh, W. Gardiner, S. Boyd, J. D. Tooher, Seamus Fox, J. J. Tierney, J. Tobin and Mr. K. Deery.

pulsory for every licentiate to be a member of the Society. Mr. Cremen, in his reply, urged young people present to start a students' organisation; this would get the same facilities as were accorded in Dublin.

"The Irish Drug Association" was proposed by Mr. R. D. Clarke, M.P.S.I., who referred to the great work the Association had done for pharmacy in Eire. Lyall G. Smith, replying, said the I. had considered post-war planning very c fully, and had made progress in formula ideas of benefit to the trade. The gu were the subject of a toast by Mr. F McSweeney, M.P.S.I., Messrs. Fas and R. Daly replying.

EIRE COMMITTEE ON TRADING CONDITION

The report of a joint committee of retail and wholesale representatives set up recently by the Irish Drug Association has been issued. The report states that the committee recently arranged a conference with representatives of local Associations and approved wholesale firms to discuss matters of common interest, including the means whereby trading conditions in pharmacy might be improved. The most important item was extension of the approved-list principle, and the means whereby a better control of the list could be exercised by the Irish Drug Association. It has been clear for many years past that the approved-list policy is fundamentally sound and that with the termination of the war the time would be opportune to infuse the policy with new life.

The conference's unanimous decision was to set up a joint committee consisting of four representatives of the retail and four of the wholesale sections of the Association, with the president as chairman. The committee was directed to meet at least once monthly, and was given certain general instructions on this and other matters delegated to it. Four meetings of the committee have now been held, and for the time being meetings will be held fortnightly. Various ways have been considered whereby the number of lines on the approved list might be increased—not indiscriminately but as part of a fixed policy to secure that all manufacturers of pharmaceutical preparations shall find it more profitable to confine the sale of their products to retail chemists, and that the approval of products by the Irish Drug Association shall be in itself a stamp of quality and a coveted recognition. Many new preparations have lately appeared on the market and the number will no doubt continue to grow. In many instances preparations that are properly handled by chemists only are being distributed indiscriminately, without regard, on the part of the manufacturers or their distributors, for the chemist's claims. Obviously it is a bad policy for members of the Association to undertake the spadework of establis a market for such items. The hel chemists is essential to the marketin a new line, and for this reason it is that support should not be offered wit a measure of recompense—a guarantee the chemist will be given the exclusive of distribution.

Full Co-operation Essential

A successful effort to deal with situation can be achieved only by organisation and the loyal co-operatio retail and of approved wholesale chem The joint committee believes that t conditions exist and has therefore pa the following resolution:—

> That members of the Irish Association are hereby directed no stock newly-marketed pharmaceutic medicinal proprietary articles (other those manufactured by firms w products are all on the Irish Association's approved list) until inst tions are given by the Association.

The policy will be backed by advert in the trade Press, directed to manufactu and will be continued as long as may b quired. The aim is to secure that ultima no manufacturer, even though n established, shall consider placing a product on the market without consultation with the Association. The of I.D.A. approval will not be g indiscriminately, and it may well be certain applications from manufact will be rejected.

The report is issued over the nam Mr. Lyall G. Smith (president of Association). The personnel of the J Committee is as follows: *Retail r sentatives*, Messrs. Lyall G. Smith (presid I.D.A.), G. C. O'Neill (vice-presid G. A. McLean Lee (treasurer), A. J. Do and T. R. Bourke. *Wholesale repres tives*, Messrs. John Fasken (chairm wholesale section), A. W. Hughes, P Cahill, and T. Ruddock. The joint se taries are Messrs. Brendan R. Smith R. A. Kidney.

U.S. CHEMICAL INDUSTRY

RECENT report by the United States War roduction Board records that the American hemical industry in 1944 achieved the ighest production level in its history, ith a record output of $8,300 million (2,075,000,000) or approximately two-and-quarter times what it was in 1939. One f the outstanding achievements was to crease the production of penicillin from 000 million units per month in December 43 to a monthly output of approximately 0,000 million units.

Cosmetic production increased surprisgly from $219 million (£54,750,000) in 39 to $408 million (£102,000,000) in 1944, espite the obvious necessity of diverting w materials from the industry to more portant channels. A clue to the raw aterials position is to be found, however, the remark that "cosmetic manufacrers are resorting to the use of ingenious bstitutes for critical materials."

Production of the new insecticide D.D.T. so expanded considerably. Most of the ailable material was reserved for use by e armed forces, with a small amount located for agricultural experiment. The pply of pyrethrum and rotenone was proximately the same in 1944 as in the eceding year, and it is estimated that this vel will remain constant during 1945.

nstruction of Chemical Plants

Current chemical production in the ited States is described as being "in od shape," a position attributed largely the actual construction of new facilities sting $1,500 million (£375 million) since 39. Additional facilities are being authord at the rate of $12 million (£3 million) r month, or an estimated $150 million 37,500,000) for 1945. Of the entire expan-n programme of $1,700 million (£425 llion) approved, 88 per cent. was comted at the close of the year.

It is estimated that the cost of chemical ants erected as part of the programme for e production of butadiene, styrene, oprene and catalysts in the synthetic-bber process will be $500 million (£125 llion). Approved construction also ludes approximately $350 million 7,500,000) for chemical plants to serve e Army Ordnance, while $50 million 2,500,000) worth of new plant will proce materials needed by the Chemical arfare Service. The number of workers gaged in the chemical and allied products lustries is 700,000.

A VISIT TO PROSPERIA—I

by S. Hubert Blore

DURING a recent visit to the republic of Prosperia, I entered a pharmacy in the capital city, to purchase a packet of razor blades. I was immediately struck by the happy and contented appearance of the assistants and the very friendly atmosphere which pervaded the establishment.

It appeared that razor blades were not sold by the pharmacists of that country. The proprietor, observing my surprise and learning my identity, invited me into his office, where I complimented him on the geniality and smartness of his staff. "The credit belongs, not to me," he said, "but to the Pharmaceutical Society of Prosperia, under whose control pharmacy is a highly organised profession. They not only examine us and punish us when we are wrong. They also look after our interests and protect us when we are right.

"They allow only one pharmacy for each 6,000 of the population, and no new chemist can open without a licence. Every employee, qualified or not, receives a standard salary according to his grade, and is covered by the Society's superannuation scheme, to which he contributes. When a proprietor retires on his adequate pension, a senior assistant is enabled to purchase the business through the Society's Business Transfer Fund. The number of qualified pharmacists is strictly controlled to correspond with the estimated vacancies.

"Although our work is almost entirely under contract with the State, we are not State servants but a compact independent profession under a strong central authority."

"But," I objected, "how can a private proprietor be sure he can pay his assistants a standard salary sufficient to support a superannuation scheme and a generous mode of living?" "Ah!" he replied, "That would take too long to go into now, but if you will lunch with me on the first day you are at liberty, I will explain our business procedure to you. By the way," he called after me as I took my leave, "the ironmonger in the next block sells razor blades, and you can buy the toilet soap you require from the grocer next door."

Not the End of Salvage.—The end of the war in Europe brings no relief in the acute paper situation. Stepped-up tempo of the fighting against Japan requires the continued collection of all used paper for making munitions. Have yours ready.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils repre the prices for wholesale quantities of standard quality. C.i.f. quotations do not inc marine war risk insurance and other abnormal charges payable in the present emerg

28 Essex Street, W.C.2, May 9

THE announcement of the end of hostilities in Europe marks the climax of days of waiting during which business in London has been outpaced by the rapid sequence of events. In the few days during which markets have been functioning, trade has been exceedingly quiet. The Ministry of Supply has agreed to modify the control of THEOBROMINE and SALTS, and it is no longer necessary to apply to the Directorate of Medical Supplies for permission to execute individual orders. Such orders remain, of course, subject to Government or other priority requirements, and to the fulfilment of certain other obligations.

Crude Drugs

Practically all the demand for CRUDE DRUGS has been for immediate consumption, and comes from home manufacturing sources. The volume of such business is small, and prices are virtually without change. Any available supplies of ALOES would consist of a little Curaçao, supplies of Cape being exhausted. Approved buyers may now obtain BUCHU LEAVES on the spot. NUTMEG prices are firm. Substantial prices are mentioned for odd lots of rough-round RHUBARB. Rather higher prices are noted for CANDELILLA WAX.

Essential Oils

Circular No. 14, issued by the ESSENTIAL OILS Control, amends the scheme for the importation and distribution of essential oils dated May 18, 1943 (*C. & D.*, 1943. I. 557). The period for which compensation may be applied for is extended to the year ended June 30, 1945. Applications, giving reasons and supported by appropriate data, should be made not later than August 31. Allocations Control may also, at its sole discretion, make any payments from the funds provided by the fixed contribution in dealing with contingencies arising out of the operation of the scheme, but such payments are limited to the amount standing to the credit of the Fund at the time. A new clause (Clause 26) is added, as follows: "No individual or collective liability shall attach to any person serving as a member of Allocations Control (including the accountants) by reason of any obligation, decision, payment or act which may have been or may undertaken, made or done by Allocat Control during the operation of the scher There are no changes in existing price unrefined oils and fats and technical an fats allocated to primary wholesalers large trade users during the four w ending June 2, 1945. Traders' attentic drawn to the fact that the permit p lists for oils and fats, issued periodic by the Ministry of Food, apply to the h trade only. To minimise fluctuations ensure that each oil is reasonably price relation to other oils, the prices are f broadly by reference to costs as a wh and individual prices do not necessa reflect the cost of the particular oil. allocated for export purposes are price reference to the current cost of the ticular oil to be supplied. Traders requi allocations for export are warned to a to the Ministry of Food, Oils and Division, Rothesay Hotel, Colwyn for the current price before themse entering into commitments. A list export prices will be supplied to per concerned on application. Available plies do not permit any change in ex policy, and licences will be only spari granted by the Ministry.

Pharmaceutical Chemicals

BORAX.—Current rates per ton are as foll B.P. quality, granulated, £38; crystal, powder, £39 10s. Commercial grades, £ ton less. Packed in one-cwt. bags, deliv carriage paid in Great Britain in one-ton and upwards.

CAFFEINE.—Quantities of 7 lb. to 28 lb quoted per lb. as follows (supplies subje D.M.S. approval): ALKALOID, B.P., CITRATE, 23s.; SODIUM BENZOATE, 23s.

LACTATES.—Prices are as follows: LA ACID.—Six-winchester lots, 3s. per lb.; sm quantities, 3s. 1d. CALCIUM LACTATE.— quantities, 2s. 5d. per lb. CALCIUM SO LACTATE.—Powder, small lots, 3s. 7d. per 14-lb., 3s. 4d.; 28-lb., 3s. 2d.; granular, penny per lb. extra.

PILOCARPINE.—Makers quote at the follo rates per oz.: BASE, 1 oz., 27s.; 4 oz., 21s. 8 oz., 20s. 9d.; 25 oz., 20s. 3d. NITRATE, 1 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

SALICYLIC ACID.—Quoted per lb. as foll in lots of 28 lb.–1 cwt. (containers in brack 2s. 7d. (1-lb.); 2s. 5½d. (4-lb.); 2s. 4½d. (7- 2s. 4d. (14-lb.).

SODIUM SALICYLATE.—Makers' prices per lb., quantities of 28 lb.–1 cwt., are as follows ntainers in brackets): 3s. 0½d. (1-lb.); 11d. (4-lb.); 2s. 10d. (7-lb.); 2s. 9½d. -lb.).

THEOBROMINE.—The following prices are ing: ALKALOID.—Smalls, 44s. 6d. per lb.; b.–28 lb., 43s. SODIUM SALICYLATE.—Smalls, s. 3d.; 7 lb.–28 lb., 25s. 3d. Tins extra when plied.

Crude Drugs

ALOES.—Supplies of Cape are exhausted, but may be possible to obtain small lots of raçao.

BALSAMS.—*Peru* is quoted at 8s. per lb., *nada* at 11s. 6d. per lb. *Tolu* and *Copaiba* unobtainable.

BELLADONNA.—Indian leaf is quoted on t at 6s. to 6s. 3d. per lb., according to test; t testing 0·25 per cent. may be bought at 3d. per lb.

BENZOIN.—There is plenty of call for this icle, but no supplies are available.

BISMUTH.—Metal is in good demand at 3d. per lb. for minimum 5-cwt. lots.

BUCHU LEAVES.—New-crop, 5s. 3d. per lb.

CAPSICUM.—Supplies are poor but the price teady at 100s. to 140s. per cwt., according quality.

CARDAMOMS.—Steady but in small demand. ppy greens, 5s. 6d. per lb.; Aleppy seed, 6d.; split seed, 5s. 6d.

CHILLIES.—In good supply at 100s. per cwt. spot.

CLOVES.—The price asked by sellers of nzibar on spot is 1s. 5½d. per lb.

COCHINEAL.—Silvers, afloat, 6s. per lb., ded.

ERGOT.—Supplies remain short; price is unnged at 6s. 6d. per lb. for small lots of goodlity material.

GUM ACACIA.—Spot quotations for Kordofan ned sorts are steady at 75s. per cwt.; ched, 175s.; Talha, cleaned, 50s. per cwt., ded.

HENBANE.—Indian, 250s. per cwt.; some -testing material may be had at 60s. per .; Russian, 350s.; Egyptian (*muticus*), 75s.

JALAP.—10·1 per cent. may be obtained on t at 3s. 6d. per lb.

MENTHOL.—Brazilian, afloat, 82s. 6d. per lb., ded.

MYRRH.—Good Aden sorts continue to be ted at £20 per cwt.

NUTMEGS.—In short supply at the following es: West Indian sound unassorted, spot, 8d. per lb.; wormy and broken, 2s. 3d.

NUX VOMICA.—Cochin, spot, 37s. 6d. to 40s. cwt.; shipment, 31s. to 32s., c.i.f.

PIMENTO.—Fractionally dearer at 1s. 3¾d. per sellers.

QUASSIA.—Spot quotations are steady at 37s. 6d. to 40s. per cwt., according to quantity.

QUILLAIA BARK.—Crushed or cut may be had on spot at 100s. per cwt.; natural is quoted at 80s.; shipment, 65s., c.i.f.

SEEDS.—Quiet and unchanged. CORIANDER.—Practically no supplies available; price nominal at 65s. per cwt. CUMIN.—Maltese, spot, 110s., buyers; Indian, 110s., buyers. DILL.—London, 85s.; Liverpool, 80s. FENNEL.—Higher at 100s., business done and sellers. FENUGREEK.—London, 75s.; Liverpool, 67s. MUSTARD.—Controlled prices are unchanged.

STRAMONIUM LEAVES.—Indian leaves are quoted on spot at 80s. per cwt.

STROPHANTHUS SEED.—100 per cent. Kombé seed, unchanged at 7s. to 7s. 6d. per lb., as to quantity.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

VALERIAN ROOT.—Only powdered Indian root is available at present; price, 120s. per cwt.

WAXES.—BEES'.—Available in London at the following prices per cwt., delivered at store, U.K., effective October 16, 1944, for ton lots: Madagascar crude, 205s. to 230s.; other sorts of crude, 238s. to 245s. (Calcutta sorts unavailable); British refined, 275s. to 305s.; British bleached slabs, 300s.; British bleached discs, 320s.; lots of under one ton, at premiums as follows: 10–20 cwt., 2s. 6d. per cwt.; 5–10 cwt., 5s. per cwt.; 1–5 cwt., 10s. per cwt.; under 1 cwt., at premiums as arranged by Association members at their discretion. CARNAUBA.—Fatty grey, 525s. per cwt., ex store, in minimum one-bag lots; shipment, 425s.; Primeira, 600s. per cwt., ex store; shipment, 495s., c.i.f.; medium yellow, 575s.; shipment, 475s., c.i.f.; chalky grey, 520s.; shipment, 400s., c.i.f. (c.i.f. prices include ½ per cent. W.R.I.). CANDELILLA.—Under 1 ton, 225s. per cwt.; 1–5 tons, 221s. 6d.; 5 tons and over, 220s., ex store. OURICURI.—Spot, 305s. to 330s. per cwt.; shipment, 260s., c.i.f.

Essential and Expressed Oils

CASTOR.—"Firsts" are officially quoted at £82 per ton, and "seconds" at £80, both naked ex works, in bulk quantities.

CITRONELLA.—Ceylon, spot, approximately 20s. per lb.; Java, about 27s. 6d., if available.

CLOVE.—No change in English distillers' prices at 12s. 6d. to 13s. per lb., according to quantity.

EUCALYPTUS.—Any available supplies of 70 to 75 per cent. would be worth approximately 8s. 6d. per lb.

NUTMEG.—Quoted by English distillers at 45s. per lb.

RAPESEED.—The official price for bulk supplies is £88 per ton, naked ex works.

TRADE MARKS

(*From "The Trade Marks Journal," April* 18)

Device of triangle, with map of British Isles, and words "Blue Triangle Brand" above and "A B.D.H. Product" below (the map is disclaimed, and the colours limited to black and blue, while a condition is that the mark shall be used only for goods manufactured in the United Kingdom); for perfumes, cosmetic and toilet preparations, mouth washes, depilatory preparations, bath salts, toilet preparations for the teeth, etc. (3); also for pharmaceutical preparations (human and veterinary); sanitary preparations, disinfectants, vermin destroyers; excluding infants' and invalids' foods (5). By The British Drug Houses, Ltd., Graham Street, City Road, London, N.1. 631,290–91 (both Associated).

"ORTHOBAN"; for medical and surgical plasters, bandage and dressings material (5). By J. Cowen & Sons, Ltd., Ellers Mill, Dalston, Carlisle. 631,774.

"METRAFOIL"; for deodorising preparations and substances (5). By A. E. Zeumer, North Street, Middle Barton, Oxford. 632,749.

"DE WITT'S"; for pharmaceutical preparations (5). By E. C. De Witt & Co., Ltd., 2 Cherry Orchard Road, Croydon, Surrey. 632,808 (Associated).

"DENOCOL"; for insecticides, weed killers and vermin destroyers (5). By Pest Control, Ltd., Harston, Cambridgeshire. 632,823 (Associated).

"SECRETS"; for catamenial appliances (5). By B. D. Edwards, 5 Beastmarket Hill, Nottingham. 632,931.

"LILPEL"; for pharmaceutical preparations and substances (5). By T. J. Smith & Nephew, Ltd., Neptune Street, Hull. 633,019.

"COOLAVE"; for hair-waving appliances (not being machines or pins) (8). By Kathleen Aitken, 312 Hagley Road, Birmingham, 16. 632,728.

"ISO-CRYL"; for artificial teeth (10). By A. H. Taggett, Ltd., Station Road, Gerrard's Cross, Bucks. 632,849 (Associated).

"SIRINIC"; for ampoules for hypodermic syringes, sold empty, that is, independently of contents (10). By G. E. Jones, Saunton, Worlebury Hill Road, Weston-super-Mare. 632,862.

"DEFIANCE"; for installations and apparatus for sterilising, etc., and parts thereof (11); also for bottles, etc. (21). By Nathan's Sales, Ltd., 322 Ewell Road, Surbiton, Surrey. 632,545–47 (both Associated).

"ARICOL," "LOCROL," "MAYONOL," "MULTEXA," and "PARMEXA"; for edible oils and fats (29). By London Oil Corporation, Ltd., 161 Camberwell Grove, London, S.E.5. 632,783–85–87–88, and –90.

"VOLMAXA"; for edible oils and fats (29). By S. G. Stevens, Ltd., 2 Shirley Street, Hove, 3. 633,181.

Device of leaves, etc., and words "Superior Quality, Vam Brand"; for ground pepper and ground spices (30). By V. A. Mulli & Co., Hulme Place, 289A Borough Street, London, S.E.1. 631,999.

"DEBONAIR"; for spices, etc. (30). By Ba Ltd., Ashburton Road, Manchester, 632,704 (Associated).

"GOLDFINCH"; for mineral waters and alcoholic drinks (32). By J. W. Camer Co., Ltd., Lion Brewery, Stockton St West Hartlepool, Durham. 631,835 (ciated).

COMING EVENTS

Monday, May 14

BIRMINGHAM ANNUAL MEETINGS, Imp Hotel, Temple Street, Birmingham. At 8 National Pharmaceutical Union Branch. 8.30 p.m., Pharmaceutical Society Bra At 9 p.m., Birmingham Pharmaceu Association.

NORTH LONDON PHARMACEUTICAL ASSOCIA Beale's Restaurant, Holloway Road, Lon N.7 (near Nag's Head), at 7 p.m. An meeting. Light supper (free to meml 4s. 6d. each to non-members), 7.30 p.m.

Wednesday, May 16

LEEDS BRANCH, PHARMACEUTICAL SOCI Metropole Hotel, Leeds, at 7 p.m. Tw second annual meeting.

ROYAL SOCIETY OF ARTS, John Adam St Adelphi, London, W.C.2, at 1.45 p.m. fessor J. D. Bernal, F.R.S., on "The S Relations of Science" (Trueman W lecture).

Thursday, May 17

NOTTINGHAM BRANCH, PHARMACEUT SOCIETY, Highfields, Nottingham, at 6 Mr. Hugh N. Linstead, O.B.E., M.P. (s tary and registrar of the Society), on " Future of Pharmaceutical Education."

THAMES VALLEY BRANCH, PHARMACEUT SOCIETY, Kingston Hotel, Kingsto Thames, at 7.45 p.m. Annual meeting. bate on "The Control of Sale and Advert of Proprietary Medicines."

CHEMICAL SOCIETY, Royal Institution, A marle Street, London, W.1, at 5 p.m. fessor J. D. Bernal, F.R.S., on "The Past Future of Crystal Chemistry" (Hugo M lecture); preceded by adjourned an meeting.

WEST HAM AND EASTERN DISTRICT ASSOCIA OF PHARMACISTS. Visit to works of R Products, Ltd., Welwyn Garden City. T leaves King's Cross at 2.5 p.m. Inten visitors should send name and address, national registration number, to the secre before May 15.

Sunday, May 20

MANCHESTER PHARMACEUTICAL ASSOCIAT Ramble, Buxton to Macclesfield. Central Station, 8.45 a.m. Book Bu return.

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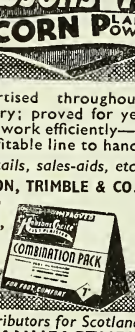

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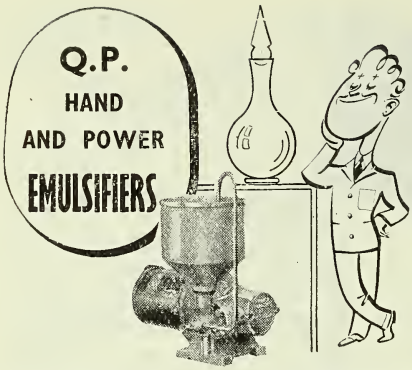

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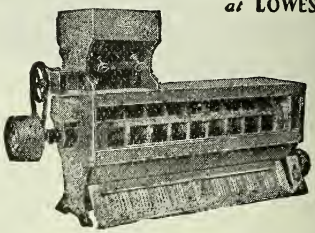

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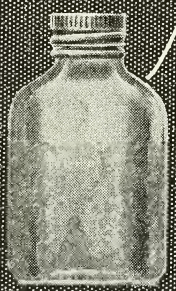

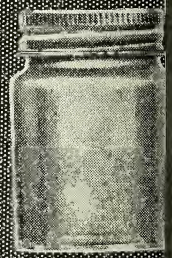

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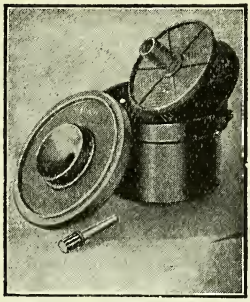

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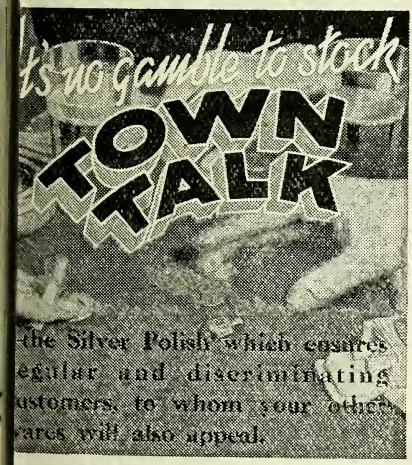

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	Per cent.		*Grams*	*oz.*
Fat	6.2	Fat	[illegible]	.83
Protein	10.7	Protein	[illegible]	.15
Carbohydrate	70.0	Carbohydrate	[illegible]	.87
Mineral Matter	2.7		*Mg.*	*oz.*
Fibre	0.2	**Iron**	[illegible]	5.0
Moisture	10.2	**Calcium**	[illegible]	0.0
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Vitamin B_1 as Aneurin Hydrochloride	0·07	mg.
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The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 12 1945

upplement Advertisements must be prepaid and should reach us not later than FIRST POST WEDNESDAY f week of Issue. Box Office numbers 1/- extra. Late advertisements will be held over to following week.

IMPORTANT to Manufacturers & Exporters

Interested manufacturers and exporters of all types of Drug Trade Merchandise are requested to send by Airmail full particulars of their products with terms of representation for INDIA to JOSHI PANDIT & CO. (Foreign Division), SAYAJIGANJ, BARODA, INDIA.

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h certain exceptions, women over 18 and under 41 s of age seeking Employment and Employers seeking ngage such women are now required to do so only ugh the local office of the Ministry of Labour and onal Service or an approved employment agency.

RETAIL (HOME)

ERDEEN. Qualified Pharmacist (male or female) required to manage West End Branch; licants must be capable and courteous. Write, ng references in first instance, to 607/796, C. & D. don Office.

RIGHTSIDE & CARBROOK CO-OPERATIVE CHEMISTS, LTD., Sheffield, invite applications Pharmacists for positions of Branch Managers. d post-war prospects and holidays with pay. eramuation scheme in operation. N.U.D.A.W. of wages. Apply stating age and experience and tion under the National Service Act or Registration for Employment Order, to the Secretary, 32 more Street, Sheffield, 1.

CHELMSFORD, Essex. Permanency. Qualified Manager (male) required as soon as possible, for quick counter and dispensing business, in main street; comfortable modern semi-detached private residence available; good salary. Apply, with fullest particulars, to Bellamy's Pharmacies, 2 Tindal Square, Chelmsford.

LONDON Co-operative Chemists, Ltd., require experienced Pharmacists for progressive positions in the outer suburbs. Applications to Pharmacy Manager, 54 Maryland Street, Stratford, London, E.15.

ORRIDGE & CO., Employment Agency, Columbia House, Aldwych, W.C.2, invite inquiries from Pharmacists and Unqualified Persons requiring Situations, except women between the ages of 18 and 41. Progressive vacancies available. Excellent opportunities exist for Unqualified Assistants.

PHARMACIST (lady or gentleman) as Superintendent in Dispensing business; hours, 10 till 5; no half-day, holiday, or Sunday duties; vacancy first week in June. Full particulars, Smithsons, Preston Circus, Brighton.

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QUALIFIED or unqualified Assistant required immediately for busy retail establishment; every scope for ability and initiative. Reply, giving full particulars, to W. Bates & Co., Ltd., 25 Oxford Street, Southampton.

QUALIFIED Chemist required (exempt or over military age) for country business; comfortable post for right man; living accommodation available; please state salary asked and when free. E. C. Paine, 82–83 Bartholomew Street, Newbury.

QUALIFIED Pharmacist required immediately in S.W. district; generous salary for good reliable man; easy hours; the position is permanent. Apply, with full particulars, age, and salary required, to 606/786, C. & D. London Office.

ROYAL ARSENAL CO-OPERATIVE CHEMISTS, LTD., invite applications from qualified Pharmacists for the position of Manager; unqualified Assistants also required; good post-war prospects and holidays with pay. Apply in writing, stating age, experience, salary required, and position under the National Service Act or Registration for Employment Order, to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

TREDEGAR WORKMEN'S MEDICAL AID SOCIETY. Required immediately, two Pharmacists. Applications to Secretary, 10 The Circle, Tredegar, Mon., stating age, married or single, nationality and experience, with copies of recent testimonials. Salary, £350 per annum plus war bonus. State when able to commence duties.

WANTED, senior Assistant, with experience of high-class pharmacy; give full particulars and state salary required. Lawrence, Chemist, Rhyl, N. Wales.

LOCUMS WANTED

IPSWICH. Qualified Locum (lady or gentleman) required for two weeks between August 13 and September 15; no half-day or Sunday duty; two drug girls capable of most counter sales; travelling expenses paid. A. Parkin, 627 Foxhall Road, Ipswich.

LOCUM, Pharmacist, take charge during holiday period; London; June to September, or sooner. 607/800, C. & D. London Office.

NORTH STAFFORDSHIRE ROYAL INFIRMARY, STOKE-ON-TRENT. Locum Assistant Pharmacist required for two weeks from June 11 to 23 inclusive.

PHARMACIST Locum wanted June, July, August, September; capable help; pleasant firm. Please state salary and terms, Selles, Dispensing Chemists, Ltd., Beverley, E. Yorks.

QUALIFIED Locum required for two weeks, June, July; good salary offered; full control; no half-day or Sunday duty. Apply, Lockhurst Lane Co-operative Society, Ltd., Pharmacy Department, 376 Foleshill Road, Coventry.

WHOLESALE

A LADY Pharmacist is required for the Manchester Branch Office of a British firm of Manufacturing Chemists. Applicants should have a good up-to-date knowledge of modern Therapeutics, but would undergo preliminary training for a period of a few months at the firm's head office near London. Chief duties involved would be the handling of correspondence and inquiries received from medical and pharmaceutical professions, and maintaining a reference library. Reply, stating age, experience, qualifications, salary, etc., to 607/813, C. & D. London Office.

A VACANCY exists for a Foreman in the Galenical Laboratory of a well-known firm of manufacturing chemists; applicants should be qualified and possess experience in the wholesale manufacture of galenicals, ointments, etc., and be able to train and handle staff; age between 30 and 40, and exempt from military service, but applications from men now in the Services will be considered for engagement when demobilised. Apply, giving full details as to age, qualifications, and experience, to 607/793, C. & D. London Office.

ASSOCIATED WHOLESALE DISTRIBUTORS have the following staff Vacancies: (1) typists, (2) shorthand-typists, (3) travellers calling upon Chemists, Grocers and Allied Traders (*a*) in London and surrounding areas, (*b*) throughout Great Britain. All positions are permanent and offer excellent prospects. 121/2 Goulston Street, London, E.1 (BIShopsgate 1880).

EXPERIENCED Representative required for Northern England and Scotland by a firm of manufacturing chemists, to call on doctors, hospitals and chemists. Applicants should give full particulars of age, experience, and remuneration expected, to 607/794, C. & D. London Office.

LEADING ethical pharmaceutical manufacturers require European Representative; fluent French essential and knowledge of other European languages an advantage; an excellent progressive position for a man of outstanding ability. 606/791, C. & D. London Office.

MALE Assistants required for large Wholesale Distributors. Knowledge of Sundry and General Chemists' lines requisite. Permanency. London. Immediate or early release from Services. State age and experience. 606/778, C. & D. London Office.

MANUFACTURING Chemists, marketing proprietaries with post-war prospects, require first-class Representatives for (1) Lancashire and Cheshire, (2) Southern Counties, and (3) Northern Ireland; salary, commission and expenses basis or good agents not carrying competitive lines. Fullest particulars in first letter, 607/802, C. & D. London Office.

OPPORTUNITY offered to young Pharmac ex-Serviceman preferred, by manufactur chemists in the North-West; previous experie not essential; good post-war prospects to suita applicant showing initiative. Write, stating a experience, etc., and liability to National Serv 606/787, C. & D. London Office.

PHARMACIST to take charge branch Pharma good residential area, London; living acc modation; permanency. Apply, 607/799, C. & London Office.

PHARMACISTS wanted by well-known Lon firm of manufacturing chemists, to con manufacturing processes. Salary not less than £ according to abilities. Write giving details of ex ience and familiarity with particular processes, Works Manager, 606/775, C. & D. London Off (This advertisement will be repeated for the ben of men in the Forces.)

PHARMACISTS of ability required as Sales presentatives by leading ethical manufactur good salary and excellent prospects; perman positions offered. 606/792, C. & D. London Office

PILL MAKER required for Manufacturing, Ho N.W. London. Permanent and progres opportunity, should be over military age or exe war service. State experience and wages requi 594/359, C. & D. London Office.

PROGRESSIVE position, ethical house, Medical Propagandist (male or female) w Selling experience to call on doctors, hospitals chemists: (*a*) Scotland, (*b*) Yorkshire, (*c*) Lana shire, (*d*) Midlands. Must reside on territory. now in services considered for engagement when f Full details experience, age, salary, etc. 607/8 C. & D. London Office.

REPRESENTATIVE, with sound connex amongst chemists and stores in London a required by manufacturer of proprietary produ excellent post-war prospects for right man. Wr stating age, experience, and liability to military National Service, etc., 607/803, C. & D. London Off

REPRESENTATIVE having established c nexion with Retail Chemists in Yorksh Durham, and Northumberland required by f marketing nationally-advertised Proprietary li Salary, commission and expenses. Write, stat age, past experience, and whether car owner, Sales Director, International Chemical Co., L Clifton House, Euston Road, London, N.W.1.

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TABLET Maker required at once; must thoroughly experienced and able to take charge of plant, mixing, compressing, and care machinery; one who can sugar-coat preferred, not essential. 606/763, C. & D. London Office.

TRAVELLER required to represent a Yorksh firm of manufacturing chemists in North Ireland and one for Scotland, full time; to call hairdressers and chemists, etc.; in the first pla application and full particulars of experience, age, wage should be given .CDB/389, C. & D. London Off

UNQUALIFIED Assistant wanted for phar ceutical laboratory; Midland district. St age and experience to 607/801, C. & D. London Off

WARD, BLENKINSOP & CO., LTD., Bro lands, Halewood, Liverpool, are open to consi applications from qualified men, fully experien in the writing and preparation of medical literatu

WANTED Full-time Representative, having g connexion London Stores and Co-ops to p saleable lines. Apply 603/667, C. & D. London Off

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RITISH West Africa. Two young Pharmacists with good knowledge of Therapeutics required Propaganda and some Executive office work by l-known British firm manufacturing Chemicals l Medical Specialities. Applicants should be free proceed to West Africa as soon as the necessary malities can be completed. Full details will be plied on application to 607/814, C. & D. London ice.

HE Nyasaland Research & Development Co., Ltd., invites applications from Pharmacologists. ary according to qualifications, experience and lities for scientific work. Applications to be lressed to Dr. M. Nierenstein, 2 Rylestone Grove, stol, 9.

SITUATIONS WANTED

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RETAIL (HOME)

HEMISTS' Assistant just now disengaged; good references and experience; Irish degree. Spinks, Upland Grove, Roundham, Leeds.

.P.S. (32), ex-Service, desires situation, retail or wholesale, in London; fully erienced, retail; free immediately; salary, £10 week. 606/788, C. & D. London Office.

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ISPENSER, Hall, experienced with hospitals, doctors, and baby clinics, desires locum or t-time; permanency. Locum, 112 Maryland ad, N.22. Bowespark 1320.

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FIRST-CLASS Agent covering Leeds, Harrogate, York, Scarborough, Hull, and North Lincoln-e, is open for One Agency. Must be reputable . Sound connection with Wholesale, Retail and perative in this area. 607/809, C. & D. London ce.

SMART Representative (32), M.P.S., ex-R.A.F., requires post. Experienced calling on Chemists, res, etc. Please reply to 607/810, C. & D. London ce.

ELGIAN Chemist, aged 32, married, Liege Diploma, good knowledge English, Commercial erience, seeks situation; good prospects British , cessation hostilities, any capacity; excellent rences. 607/806, C. & D. London Office.

RMINGHAM or District. Position of responsibility required by Pharmacist of wide and ex-ional experience in administration and organ-on of pharmaceutical business; change wanted domestic reasons; only permanency offering -class prospects and scope for initiative re-ed; wholesale or retail (view to succession con-red). Details, stating salary offered, to 606/785, D. London Office.

XPERIENCED Sales Representative, with large pre-war connexions amongst chemists, stores, in Lancashire, Cheshire, Westmorland, N. es, and Cumberland, requires similar position; owner. 607/797, C. & D. London Office.

X-ROYAL Air Force seeks Representation with House of repute. Fourteen years' experience mist and Toilet Preparations. 607/815, C. & D. don Office.

NCS. and Ches. Agent, with connexion whole-sale and retail chemists. co-ops., stores, requires ncy (commission basis) for first-class drug house; high-grade pharmaceutical and toilet products. 3/390, C. & D. London Office.

FICER, R.A.F.V.R., aged 34 (early release group), unqualified, experienced Pharmacy; cy Goods and First-class Toilets; last position ager (with cover) Pharmacy and Departmental e, seeks position outdoor Sales Representative firm of repute. Reasonable salary with scope improvement. 607/804, C. & D. London Office.

SCOTLAND. Live wire Representative, very good connexion with Chemists, Stores and Hair-dressers, wishes to negotiate with a high-class Cosmetic or Toilet House, for post-war Representation. Own car. Excellent references. 606/771, C. & D. London Office.

SCOTLAND. An established Agent, with sound connexion among retail chemists and stores, wishes to contact a progressive firm, with a view to post-war business. 606/784, C. & D. London Office.

WELL-KNOWN Representative (48) can offer first-class connexion, 23 years' standing—S. London, Kent, Surrey, Sussex—for well-remunerated appointment; further particulars. 606/790, C. & D. London Office.

YORKSHIRE. Senior Sales Representative, having completed 18 years' representation with leading proprietary toilet house, all chemists, department stores, and allied trades, desires change where highly respected connexion can be vigorously used to the best possible advantage; no objection to first-class sole selling agency; highest credentials; car-owner. 606/783, C. & D. London Office.

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AMERICAN Sales Executive (Chemist) seeks exclusive representation in the United States of manufacturers of chemicals, drugs, surgicals, hospital appliances, etc. H. H. Bram, 2107 W. Erie, Philadelphia, 40, U.S.A.

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Swedish importers in above trades desire to hear from British manufacturers and exporters who are interested to be represented in Sweden. We act as agents, or as sole distributors buying on own account. We are well introduced with competent industries in above trades. Well-organised selling team available. Head Office: Stockholm. Detailed offers requested to: Marsing & Co. AB, Kungsgatan 27, Stockholm. Cables: Kemimarsing, Stockholm.

MESSRS. DINKER & CO., 88 Vithalbhai Patel Road, Bombay, 4, invite connexions from competitive manufacturers and reliable exporters handling Chemicals and Drugs. Bankers: Eastern Bank, Ltd., Bombay; National Bank of India, Ltd., Bombay. Reference: M/S, Biddle Sawyer & Co., Ltd., Empire House, London.

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If you are interested in extending your Export Trade the Advertiser's Company is in a position to advise on the prospects of Marketing your products in Eire, and also acting as your Selling organisation. Long-established connexion with firms of International reputation. Goodwill with security is at your service. Reply, Box No. 194, Dorland, 18 Regent Street, London, S.W.1.

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Leading Import House established 30 years, on very good terms with consumers, desires to contact competitive manufacturers in order to effect business either on a commission basis or buying on own account. First-class English references. Please reply to "Meber," c/o The Chemist & Druggist, 28 Essex Street, London, W.C.2.

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7/6 for 40 words or less, 2d. for every additional word.

BUSY main road Pharmacy in North London. Owner retiring. Turnover, including panel, £8,500. Nett profit over £2,000. Audited accounts. Nine years' lease unexpired. Good Agencies and scope for Optics. Capital required, £4,500. Heavy stock and mahogany fittings. Principals only. Bankers' refs. exchanged. 607/811, C. & D. London Office.

PHARMACEUTICAL Chemist's Business, in good situation in central Scottish town, for Sale; established for a century. For particulars, apply to Archibald & Brown, Solicitors, 1 Pitt Terrace, Stirling, who will receive offers.

APPOINTMENTS

CONNAUGHT HOSPITAL, E.17

Assistant to Pharmacist required immediately. Hospital experience preferred. Salary according to experience. Applications, stating age, etc., and copies of two recent testimonials, to be sent to the undersigned (male candidates should state their position with regard to military service).

R. HALTON HARRISON,
General Secretary.

NORTH STAFFORDSHIRE ROYAL INFIRMARY

STOKE-ON-TRENT

Applications are invited from Women Pharmacists with Hospital experience for the post of Junior Assistant Pharmacist. Salary according to the B.H.A. scale. Federated superannuation scheme in force. Applications with copies of testimonials to be sent to the Secretary and House Governor.

THE PRINCE OF WALES'S GENERAL HOSPITAL LONDON, N.15

(238 Beds)

The Governors of the Hospital will shortly proceed to the appointment of a Pharmacist-in-Charge. Candidates (male or female) must hold the qualification Pharmaceutical Chemist, with administrative experience, and knowledge of the buying of drugs and surgical dressings. Salary according to the B.H.A. Scale. Federated Superannuation Scheme in force.

Applications, with references, should reach the undersigned by May 14, 1945.

J. C. BURDETT,
Director and House Governor.

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7/6 for 40 words or less, 2d. for every additional word.

THE FINCHLEY MANUFACTURING CO. are now in a position to take on further contracts for Bottle-filling; glycerine a speciality. Telephone No.: Hillside 1492.

WELL-KNOWN firm of Distributors would like to hear from Manufacturer able to supply Liquid Anti-moth Preventive for use in Atomisers. Also interested in germ-killing, pleasant deodorant. Box A 6846, Samson Clarks, 57–61 Mortimer Street, London, W.1.

YOUNG qualified Pharmacist wishes to invest capital in sound wholesale and/or manufacturing house in return for directorship and full services; replies in strict confidence; bankers' reference. 607/795, C. & D. London Office.

WANTED

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ACETPHENETIDIN and Acetylsalicylic Acid required in large or small quantities; highest market prices paid. 602/654, C. & D. London Office.

ACTUAL Purchaser will pay top price for Aspirin or Phenacetin Powder or Granules. 598/487, C. & D. London Office.

ACTUAL user would like to purchase Triethanolamene and Cetyl Alcohol. Best prices paid. 601/599, C. & D. London Office.

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